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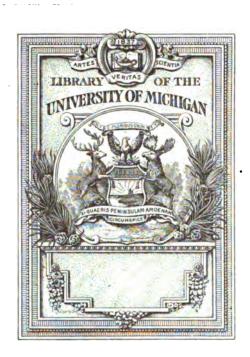
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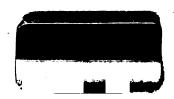
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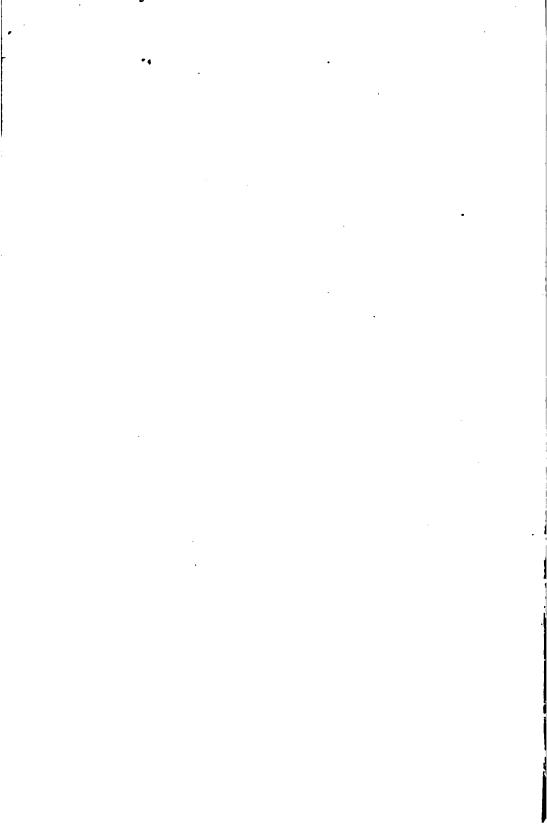










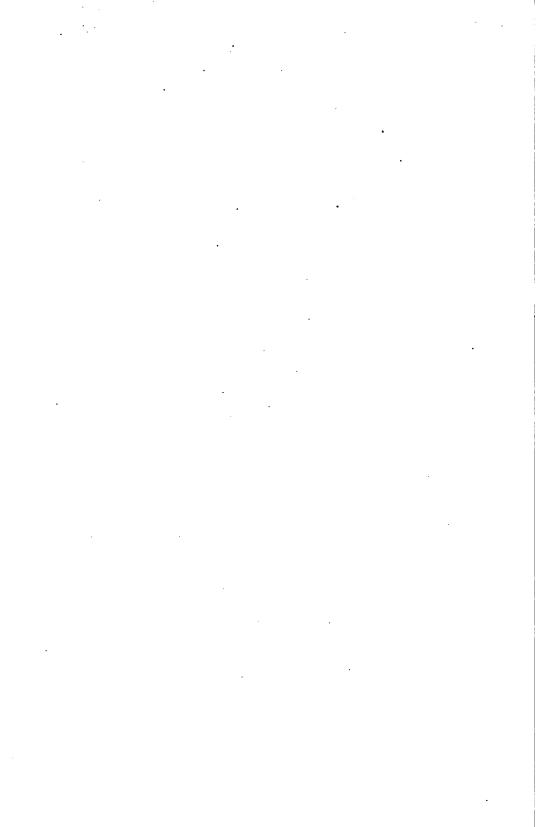


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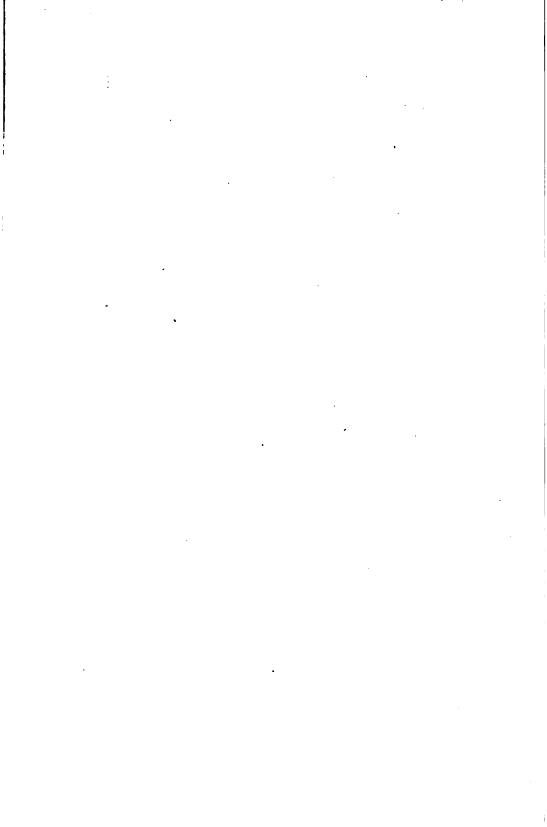
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PUBLIC DOCUMENTS

OF THE

STATE OF WISCONSIN.

Being the Biennial Reports of the Various State Officers, Departments and Institutions,

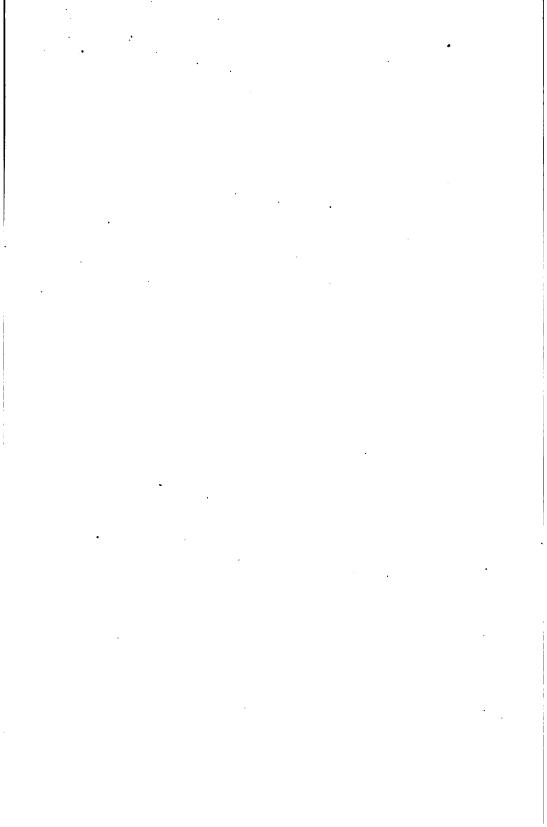
FOR THE

FISCAL TERM ENDING SEPTEMBER 30, 1894.

VOL. II.



MADISON, WIS.: DEMOCRAT PRINTING COMPANY, STATE PRINTER, 1895.



PUBLIC DOCUMENTS

FOR 1893-94.

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- 2. Report of the Secretary of State.
- 3. Report of the State Treasurer.
- 4. Report of the State Superintendent.
- 5. Report of the Railroad Commissioner.
- 6. Report of the Commissioner of Insurance.
- 7. Report of the Regents of the University.
- 8. Report of the State Supervisor of Inspectors of Illuminating Oils

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- 1. Report of the State Board of Control.
- 2. Report of the Commissioner of Labor Statistics.
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SECOND BIENNIAL REPORT

OF THE

State Board of Control

ΟF

Wisconsin Reformatory, Charitable and Penal Institutions,

FOR THE

Two Fiscal Years Ending September 30, 1894.



MADISON, WISCONSIN:

DEMOGRAT PRINTING COMPANY, STATE PRINTER.

1894.

MEMBERS AN OFFICERS OF THE BOARD.

J. L. CLEARY, KENOSHA, Term expires June 30, 1895.

CLARENCE SNYDER, ASHLAND, Term expires June 30, 1896.

J. E. JONES, PORTAGE, Term expires June 30, 1896.

W. H. GRAEBNER, MILWAUKEE, Term expires June 30, 1897.

J. W. OLIVER, WAUPUN, Term expires June 30, 1898.

C. D. PARKER, RIVER FALLS, Term expires June 30, 1899.

> President, J. E JONES.

VICE PRESIDENT, W. H. GRAEBNER.

SECRETARY,
D. S. COMLY, MADISON.

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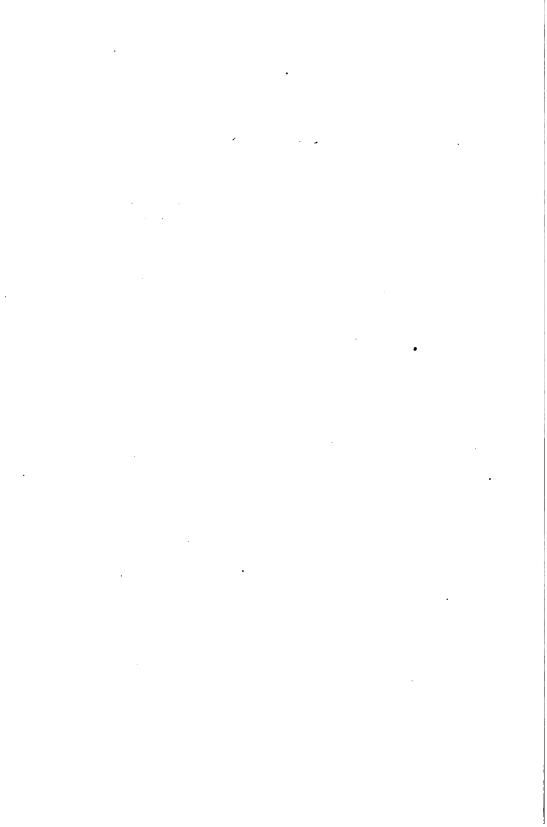
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Columbia county asylum	Wyocena
Dane county asylum	Verona
Dodge county asylum	Juneau
Dunn county asylum	Menomonie
Fond du Lac county asylum	Fond du Lac
Grant county asylum	Lancaster
Green county asylum	Monroe
Iowa county asylum	Dodgeville
Jefferson county asylum	Jefferson
La Crosse county asylum	West Salem
Manitowoc county asylum	Manitowoc
Marathon county asylum	Wausau
Milwaukee county asylum	Wauwatosa
Outagamie county asylum	Appleton
Racine county asylum	Racine
Rock county asylum	Janesville
Sauk county asylum	Reedsburg
Sheboygan county asylum	Sheboygan
Vernon county asylum	Viroqua
Walworth county asylum	Elkhorn
Winnebago county asylum	Oshkosh



REPORT

OF THE

State Board of Control.

HON. GEORGE W. PECK,

Governor of Wisconsin:

The State Board of Control submits to you its second biennial report, showing in detail the condition of affairs in the various charitable, reformatory and penal institutions of Wisconsin, placed by the law under its management and supervision. The period covered by this report is from October 1, 1892, to September 30, 1894, inclusive.

At the time of the last biennial report it was a question in the minds of even the members of the Board as to whether the Legislature that had placed the duties formerly devolving upon two boards upon one board, had acted with wisdom. Whether the one board could perform the entire work so that no interest would be neglected was questioned by many, but as time has elapsed we believe that all interested will frankly admit that no mistake was made, and that the change of system has worked to the best interests of the institutions and the inmates thereof.

It has, however, required the entire undivided time of each of the six members of the Board.

One of the best results which has accrued by the placing of all institutions under the management of one board, is the harmony of feeling and interests now prevailing between the state and county institutions. Under the old system one board controlled the state and the other the county institutions.

These boards were constantly clashing with each other upon questions of authority and as a result a spirit of hostility existed, not only between the two boards, but between the institutions themselves, extending even to the subordinates engaged by each management, and as a result no end of ill feeling existed between the two classes of institutions, intended by the law and good judgment to work in harmony together. Under the single management all are working for the unfortunate classes committed to their care.

The Board, or some member thereof, has aimed to visit each of the seven state institutions once each week or oftener, each county asylum has been visited quarterly, one member of the Board being assigned each quarter to county asylum work, and the Board in a body has visited each asylum as often as possible. Each jail, poorhouse, police station, semi-state and private institution has received the annual visit required by law. To facilitate this work and properly accomplish it, the Board divided the territory of the state into six equal parts and each member was assigned to do jail and county work in one of these districts and held responsible to the Board for the proper performance of the work under his assignment and in his district. By this method it has been possible to perform the entire work, fulfilling the law to the letter.

These regular visitations have been productive of much good, and many improvements in the various institutions of the state are the result of this watchfulness.

There are in Wisconsin seven state institutions, twenty-two county asylums, four semi-state institutions, forty-nine poorhouses, sixty-eight jails, one hundred and ninety-eight police stations and fifty private and benevolent institutions under the control or supervision of this Board.

The greater part of the time of the Board is required with the management of the seven state institutions, over which it has entire control, its duties with the other institutions being visitorial and advisory, the business management being vested in the local authorities.

To manage these institutions successfully requires industry and close study. A knowledge of the character and value of them can only be obtained by repeated visits and most thorough inspections. The experience thus received makes possible intelligent judgment on questions constantly arising bearing upon the management of the institution and the welfare of the inmate.

While Wisconsin has been liberal in its provisions for the care of its unfortunate charges, there are many improvements to be suggested in order to bring its institutions fully up to the standard of the best thought of the times. The liberality displayed by the state has been in the immediate care of the inmates, while the equipments for the buildings, mostly erected many years ago, have not been deemed essential by the Legislature. For instance, it may be cited as an illustration, at the prison, the largest institution in the state, the old system of kerosene lamps for lighting purposes still prevails, while a modern electric plant would be a matter of economy and safety as well.

During the period covered by this report there have been many improvements along this line within the limits of the regular and special appropriations granted by the last Legislature, and which will be referred to in the report upon the separate institutions.

The personnel of the Board has remained unchanged during the biennial period and the united effort of the members has been to increase the efficiency of the institutions under their charge. Civil service rules have been applied in all of the institutions, and competency, rather than preferment on account of creed or politics, has been the rule. There are employed in the seven state institutions four hundred and fifty-nine people, whose positions range from superintendent to porter. While formerly largely from one political party, a census at this date would develop nearly an equal division. It would be as impossible to manage public institutions successfully upon political lines, where the labor desired requires

peculiar skill and training, as it would be for a drygoods clerk to take a position, and properly fill it, of a prescription clerk behind a druggist's counter. The state institutions for the care of unfortunate people should be divorced from politics, for if, at each recurring election, those who desire to give their time and study to the special work required in these institutions are made to feel insecure in their positions by reason of their opinion on public questions, there will be no incentive for them to attain the highest proficiency.

When this Board first assumed its duties, nearly four years ago, a majority was imbued with the popular idea that "to the victor belongs the spoils," but after a short experience it was found that while that theory might be proper in the distribution of offices with large salaries and no special requirement, it was not a success where the salaries were small and the requirements exacting. The salaries paid employes in the public institutions of Wisconsin are smaller than in similar institutions in nearly every other state. For that reason many valuable employes are taken from our institutions by alluring offers from institutions elsewhere. The Board, so far as has been in their power with the money at their disposal, have recognized special merit by slightly increasing salaries.

The disposition of the special appropriations granted by the last Legislature is shown in a separate table in this report. Some have been used entire, while there is a balance left in several others, the amount appropriated being more than sufficient to complete the object of the appropriation. Three of the special appropriations were not used, it being deemed unnecessary as yet to incur the expenditure they were designed to meet.

The general appropriations made by the Legislature to meet current expenses for the biennial period, have proven sufficient except at the State Prison. The estimate made to the Legislature for that institution was based upon the expectation that the convicts would be steadily employed and the amount received for labor would remain the same as in previous years;

but on June 1, 1893, the contractors laid off all but three hundred of the men employed and consequently the receipts at that institution diminished at the rate of sixty dollars per day, while the expense for caring for the convicts in idleness increased. Added to this unexpected loss of receipts, the number of prisoners has increased since our last report over one hundred.

Owing to these conditions the appropriation proved inadequate and it became necessary for the Board to create an indebtedness of twenty thousand dollars for maintaining the institution. This was done as provided for in Section 3, Chapter 289 of the Laws of 1880. At each of the other institutions there will be an excess, in sums approximately as follows:—

State hospital for insane	\$9,000 00
Northern hospital for insane	14,000 00
School for deaf	8,000 00
School for blind	500 00
Industrial school for boys	8,500 00
State public school	
Total	\$57,000 00

The exact cost of maintaining each institution during the biennial period can be ascertained by examining statements in tabular form annexed hereto.

THE STATE HOSPITAL FOR INSANE.

The State Hospital is now under the immediate charge of Dr. John B. Edwards, formerly of Mauston, Wis., as superintendent. He succeeded Dr. Edwin P. Taylor, August 1, 1893. He was chosen superintendent through the recommendation of the best specialists in the state and he brought to the institution the ripe experience of an active, practicing physician and business man. He has met every expectation of the Board and has proven a valuable man in the place. One of his first efforts was to relieve the overcrowded condition of the hospital

by urging the transfer of many chronic cases of long standing to the county asylums, making more room for the acute cases, the class of patients the hospital is designed to accommodate.

The most valuable improvements made at this institution during the biennial period are the thorough painting of the roofs and outside of the buildings, the painting of the wards, dormitories and the music hall, the fitting up of the officers' dining room, matron's office and the store room.

The most important improvement from a hygienic standpoint was the putting in of new soil pipes on both male and female wards, new flush closets, and trapping the bath tubs throughout the building.

Many of the old straw-tick beds have been replaced with new spring beds and mattresses; also the work of perfecting the heating and ventilating system has been completed.

The most urgent need of the institution at present is for infirmary wards for male and female patients. Sick and infirm patients should not be compelled to remain upon the same wards with the noisy and boisterous. These wards could easily be provided by building a residence for the superintendent outside of the main building, and utilizing the room now used for family purposes for said wards.

There is much new furnishing needed owing to the fact that the present furniture has been many years in use.

Mr. H. W. Abbott, of Baraboo, is still the local business manager of the institution and the excellent showing for economy made here is largely due to his experience and excellent services.

NORTHERN HOSPITAL FOR INSANE.

During the entire biennial period, Dr. Wm. F. Wegge, of Milwaukee, has been superintendent. However, owing to ill health, he has been obliged to resign, to take effect October 1st., and Dr. D. G. Hathaway, of Wauwatosa, late of Ward Island Hospital, New York, has been chosen to succeed him.

Dr. Wegge has rendered the inmates of the hospital valuable services.

The principal improvements made at the hospital during the past two years are a new roof for the entire north wing of the building; a new gas-coal shed; a new hennery and enlarging the store-room. Another great improvement was made at the pumping station by an additional boiler being placed therein; the old boiler having been in use for years, was deemed inadequate for all purposes and when out of repair the institution was without water.

A tract of land, known as the Neville farm, has been purchased as an addition to the hospital farm. The tract adjoins on the southwest and contains a trifle over forty acres. The purchase price was \$4,500.00. The land is all tillable and is considered one of the best small tracts in Winnebago county.

Infirmary wards are needed at this hospital, the same as at the State, and the same suggestions are applicable. Also, a great improvement could be made at these hospitals, which would work a saving in expense as well, could electric lighting plants be substituted for the gas works now in use. As the state carries no insurance on its public buildings it would be a matter of safety as well as convenience and economy. It would also be much better if provision could be made at the hospitals for general dining rooms for the patients.

Mr. Frank E. Grove is yet steward at this institution and has proven himself a valuable assistant in the management of the affairs of the hospital.

SCHOOL FOR THE DEAF.

During the past two years the Wisconsin School for the Deaf has taken an advanced position. The Board has deemed it advisable to give the superintendent and teachers opportunities to attend all meetings which would benefit them, and bring fresh knowledge and new ideas into the institution. Several of the older teachers who have served many years and done

valuable work for the deaf children of the state, having given way to new ones with improved methods of teaching the deaf.

In the interest of better oral instruction, a member of this Board and the superintendent of the school were last year sent to the leading eastern deaf schools, empowered with authority to engage oral teachers and to obtain information necessary to fully inaugurate the oral system in the state school. The result of their investigation is evidenced in the improvements already attained, the most modern and improved methods of teaching being now employed.

Prof. John W. Swiler, who has been superintendent of the school for fourteen years, and who ranks as one of the leading deaf instructors in the country, still remains in charge of the school.

The corps of instructors is strong and its aggregate experience greater than ever before, so that we may reasonably expect good work in the years ensuing.

The two most evident improvements during the past two years are the water-supply from the Delavan water-works and the installation of an excellent storage battery for all-night lights.

The improvements which suggest themselves as most needed are a building and machinery for a better course of manual training, with modern appliances for class instruction, and machinery that will prepare the boys and girls for home, shop and factory work and enable them the sooner to gain an independent living.

Several of the buildings will need new roofs during the coming biennial period.

The class graduated at this school last summer numbered fourteen and was the largest class ever graduated from the school, and the attendance for the coming year, as indicated by the new registration, will be larger than in any previous year.

SCHOOL FOR THE BLIND.

As with the School for the Deaf, so it can be said of the School for the Blind. It has taken an advanced position under the energetic management of Superintendent Lynn S. Pease.

The Wisconsin School for the Blind is no longer an inferior place of instruction, but ranks with the best in the country, and the rapid advance is very largely due to the untiring efforts of the superintendent of the institution.

The school has increased in attendance since our last report from an average of 75 to an average of 110. Believing that it was the desire of the public that all the blind children of the state should be collected together in the school, if possible, a systematic effort has been made to extend a knowledge of the school among those interested in seeing that the blind receive the opportunities presented. As nearly as can be estimated there are two, hundred blind children of school age within the limits of this state. If it is wise for the state to educate a portion of these, and in this enlightened age no one questions the policy, it would be wiser if we could educate all.

Every effort has been made to increase the educational facilities of the school. Especial attention has been given to securing instruction in such trades as can properly be pursued by blind people.

At this institution many substantial improvements have been made. A new heating system. A water-supply sufficient for consumption and for fire protection has been furnished, by laying a six-inch main from the school to the city of Janesville water works, so that a sufficient pressure is secured to throw water from the outside hydrants over the roof of the main building.

A three-story, substantial brick building, formerly used for shop purposes, which had never been completed, has been

fitted up so as to furnish four school rooms and two large shop rooms, the upper story being used for physical culture classes,

Within the main building extensive repairs have been made by replacing soft wood floors with hard wood and repainting and calcimining the walls.

The school needs additional buildings, as the present building is now over crowded. A new building should be erected for school purposes, thus releasing the building used at present for class-rooms, which could then be made available for sleeping apartments for the boys.

The main building would then be used entirely for girls' dormitories, study rooms, apartments for officers and teachers, dining rooms, etc. Besides this, the eastern wing of the building should be extended to the size originally planned, this wing never having been completed. As it is now, every available corner, even to the corridors, are put to use. With the probability of an increased attendance, nearly double the present, in the near future, steps should immediately be taken to meet the present and future demands.

As the grounds of this institution are now limited to a few acres, the Board would renew its recommendation for the purchase of the twenty-six acres of land east of and adjoining the school grounds.

INDUSTRIAL SCHOOL FOR BOYS.

The Industrial School at Waukesha, for boys who are much more unfortunate than criminal, has been most successfully managed by Superintendent M. J. Regan, during the second biennial period.

In many respects this institution presents more perplexing questions than any of the other public institutions. How to make useful citizens of these boys, mostly keen and bright, but who through unfortunate homes or surroundings have been sentenced to a reformatory until of age, to be cured of evil

habits of their own, or the faults of their parents, has puzzled the wisest of mankind.

The Board has endeavored to make this institution as nearly a home for the boys as possible, divesting it of all prison ideas and surrounding it with influences of an elevating character.

Among the permanent improvements at this institution, erected during the two years just passed, is a handsome school building which is a credit to the state of Wisconsin.

A new electric lighting plant, with new engine and boilers has been placed in the institution during the past year, from current expense moneys. This was made necessary by reason of the extortionate price asked for gas supply from the city company which had furnished the gas for several years. The plant complete will cost less than five thousand dollars and is a matter of economy to the state and will be far more satisfactory.

The sewerage system has been completed and as a result there is far less sickness in the institution than formerly.

The school work, which has been placed upon the high school plan, and is under the direction of Prof. Frank Cleary as principal, is accomplishing favorable results. Escapes are comparatively few and most of the inmates are honestly striving to work themselves from the institution by making good records.

The principal need at this school is one that readily suggests itself to the mind of any thoughtful individual, and that is a manual training school, where the boys may, while receiving an education, be taught some trade that will make them use ful when set at liberty and thrown upon their own resources. To that end it is to be hoped that the Legislature may, at its next session, provide for such a school, with all necessary equipments.

STATE PRISON.

This biennial period has marked an era of progression in affairs at the Wisconsin penitentiary. It has been a busy and

exacting period for the officers of the institution. Mr. P. B. Lamoreaux is still the efficient warden.

The question of employment for convicts has been vexatious to the Board during the entire two years. The prison has operated for many years with but one contract, that of M. D Wells & Co., manufacturers of boots and shoes. This contract is for the services of 300 men, for a period of five years, at the rate of fifty cents a day. They had, however, previous to June 1st, 1893, employed every available man in the prison. When the financial disturbance came upon the country they laid off all of the men except the three hundred contracted for, thus throwing a large surplus of nearly an equal number into idleness, and the three hundred contracted for were worked upon short time. It is much more difficult to manage the class of men in prison in idleness than when employed. Also, the law requires that men under sentence shall be kept at hard labor; so it became necessary, at a time when men on the outside were out of employment for the Board to use extra exertions to furnish employment for these convicts. The Legislature had provided for some extensive improvements in the line of building at the prison and every available man was put at work in assisting on this new work and repairs. A stone quarry was opened and a number of men put at work there.

This local employment, however, failed to produce any revenue to aid in maintaining the prison and as the estimate for expenditures for the biennial period had taken into account the probable receipts for convict labor, it became evident that the appropriation for current expenses would be inadequate and that a deficit must be the result. Added to this the number of convicts began to rapidly increase, so that there are now nearly two hundred more prisoners than when the estimate was made to the Legislature.

As time elapsed it became evident to the Board that M. D. Wells & Co., would not for a long time at least, require the same amount of labor that they had formerly employed, and the numbers constantly increasing, it was deemed advisable

to take advantage of the provision made by the Legislature o. 1887, in Chapter 437, of the laws of that year, for the establishment of manufacturing in the State Prison. Consent was obtained, as provided for in that law, and \$20,000.00 has been expended in the establishment of two small plants, one for the manufacture of knit-goods and the other for the manufacture of clothing.

No difficulty was experienced in disposing of the labor of the convicts engaged in these two new industries. A contract was made with the Paramount Knitting Co., of Chicago, for the product of the knitting plant for a period of five years; the said company furnishing all material entering into the manufacture of the goods and taking the finished product at the institution, paying the state a certain amount per dozen, and which net a greater amount per day for the labor employed than is received on the boot and shoe contract.

The same plan of doing piece work was inaugurated in the tailor shop and at present the force of the shop is engaged entirely on work for different firms, besides which clothing is manufactured to be used in the public institutions. The Board have deemed it advisable, inasmuch as the convicts must be kept at hard labor, and we would recommend that, as the numbers increase, which is evident must be the result from time, that other small industries be established. At present all available men are employed.

Another condition must confront the incoming Legislature. Notwithstanding the fact that seventy-two new cells have been placed in the institution this year, a large number of cells are now occupied by two convicts, a condition both illegal and inhuman. The prison is too small for the number confined therein. The present prison must either be enlarged or a new one erected. The Board would strongly recommend the latter remedy.

Provision should be made for a Reformatory for first offenders at the earliest possible date. This would relieve the over-crowded condition of the prison and would be a long stride

in the right direction toward attempting the reformation of criminals.

Provision should also be made for an electric lighting plant at the prison. At present kerosene lamps are in use, which are inadequate, expensive and unsafe.

More improvements have been made at the prison than at any of the other public institutions during the past two years. A warden's residence has been erected on the prison grounds, outside of the walls. A new kitchen and prisoners' dining room has been erected; also a new tailor shop and a small warehouse, and the interior of the main building has been entirely overhauled and remodeled.

The hospital has been fitted up in the main building, and the place formerly used for that purpose is now utilized as a cell-room, steel cells having been placed in that space.

The new dining room will be ready for use the first of the year and it is then the design of the warden to grade the prisoners into three classes. The first and second classes to occupy the dining room and the third class to continue receiving their meals in their cells.

There have been several attempts made at escape by convicts, but none have proven successful. This illustrates as well as can be the efficiency of the corps of officers employed.

STATE PUBLIC SCHOOL

The State School for Dependent and Neglected Children at Sparta is accomplishing a beneficent work. No charitable institution has a broader field.

Frank L. Sanborn has proven a model superintendent and under his direction the law under which the school was established has been fully tested.

Many county judges, however, do not fully understand, or else they fail to appreciate the provisions of the statute, for much trouble has arisen through promises purporting to have been made by county judges, that after a short period of deten-

tion children would be restored to their parents temporarily dependent. When said parent has become able to again care for the child it is found that the state has placed it out on indenture, or it has been adopted, without the parent knowing that when he placed the child in the school he surrendered all of his parental rights and the person who adopts the child has the legal right to retain it. The Board has been compelled to sustain such claim, even though it desired to restore the child to its natural guardian. Hence all judges and commissioners should exercise great care in giving correct information to indigent parents, having their children committed to the school. The institution is not an asylum, it is simply a temporary place of detention, where children are fitted to go into homes, selected by competent agents of the state for them.

An excellent school is maintained at this institution and although the best of results cannot be obtained, owing to the constant changes in the classes caused by the reception of new pupils and the discharge of others, yet the rudiments of an education can be obtained here.

The only new improvements of a permanent character at this institution are the two silos. The state was very unfortunate in its selection of a farm for this institution, as the soil does not seem to have producing qualities.

Among the needs of this institution for the coming period are a new hospital building and a new electric lighting plant.

ISOLATION HOSPITALS.

At all of the public institutions there is a necessity for hospital buildings to care for those who may become afflicted with contagious or infectious disease. During the epidemics of the last two years, all proper precautions have been taken to avoid trouble of this kind and yet if epidemic should come, no provision is made to isolate from other inmates and hence fatality would be large.

SEMI-STATE INSTITUTIONS.

The board has little to do with the conduct of the four semistate institutions,—The Milwaukee County Hospital, House of Correction and The Industrial School for Girls of Milwaukee county and The Wisconsin Veterans' Home at Waupaca. The three former institutions are managed by local boards and are apparently properly conducted. The Board believes that the Milwaukee County Hospital and the Industrial School for girls should be under state control and conducted as are other state institutions.

The state owns the buildings used for the Industrial School for Girls and appropriates annually to keep them in repair. There is no more reason why the Industrial School for Girls, which receives inmates from all of the counties of the state, should be under a county or private management than that the Industrial School for Boys, should be under a similar management. The counties pay \$2.50 per week for the care of girls committed to the Industrial School for Girls, while they pay but \$1.00 per week for the care of boys at the Industrial School for Boys.

The Milwaukee County Hospital is intended for the treatment of acute cases of insanity from Milwaukee county. It is a well managed and well equipped institution, but a condition prevails there that is expensive to the state and would not exist were it under state management. There are now 365 inmates of that institution, of which fifty are acute cases, the balance being chronic insane or idiots. The state pays Milwaukee county \$2.75 per capita per week at this institution while it pays other counties only \$1.50 per week for the care of chronic insane. There being over 300 of the chronic class confined in the Milwaukee County Hospital, it can readily be seen that a discrimination is made in favor of Milwaukee county. Were this hospital a state institution the chronic cases could be transferred to county asylums and an expense

of \$1.25 per week on each patient would be saved to the state and equally good results would be obtained.

The last legislature granted the Veterans' Home an annual appropriation of \$5,000; also an appropriation of \$5,000 for the purpose of placing heating apparatus and new furniture in the old mens' building. This money has been expended for the purposes designated by the legislature and there is at this date an unexpended balance of \$1,335.05.

The new buildings erected under a previous appropriation are not the most satisfactory, as in nearly every one of them the water has beaten through the roofs or about the windows, greatly marring the appearance of the ceilings and walls. It was attempted to spread the appropriation over too much territory and as a result the buildings were not constructed on the most enduring basis.

As regards the system of accounts and keeping books, we find that the receipts and disbursements are shown and summarized by quarters and years.

The general management of the institution continues good.

COUNTY ASYLUMS.

The institutions for the care and custody of the chronic insane of this state are designated as County Asylums. They are twenty-two in number and are located in the following counties: Brown, Columbia, Dane, Dodge, Dunn, Fond du Lac, Grant, Green, Iowa, Jefferson, La Crosse, Marathon, Manitowoc, Milwaukee, Outagamie, Racine, Rock, Sauk, Sheboygan, Vernon, Walworth and Winnebago. In these county asylums are confined 2,449 inmates and the state has paid during the biennium the sum of \$366,272.38 for the care of these chronics.

The county asylums are doing excellent work at the present time, most of them under competent management, each county endeavoring to make its institution, the best of its character. These asylums are managed by a superintendent and matron,

chosen by a local board of trustees, said board having charge of the business management of the institution.

When it is ascertained at the hospital that no benefit can be derived by further treatment, an order is made by this Board transferring the patient to some one of the county asylums, the expense thereof being borne by the county from which the patient was committed.

There have been several instances during the past two years where friends of the patients have objected to these transfers on the ground that they did not want it said that their friends were in the "county house." This feeling doubtless arises from a lack of knowledge of the character of the county asylums. They are not "county houses" nor are they designed for paupers or idiots, but they are homes for the incurable insane and the inmates are supported from the public treasury, the same as are patients at the state hospitals. The transfers are made for the benefit of the patients, who are thereby placed in smaller families and in homes especially designed for the care and comfort of the incurables.

During the two years there have been three of these asylums erected—in the counties of Rock, Marathon and Winne bago, each having a capacity of about one hundred and fifty. They have all been built on modern plans and are well equipped and furnished. Dane and Sauk counties have increased their capacities by making extensive additions. All of these new institutions have been filled with patients and permission has been granted to three other counties for new asylums to be erected during the coming year.

If there is any criticism to be made on the county asylum system it comes from the fact that county authorities are inclined to make their asylum not only self-sustaining, but a means of revenue to the county. Many times this kind of financiering has resulted in not properly equipping the asylum, or in furnishing. less number of employes than are necessary to give the insane proper care. Where these conditions have prevailed the board have a sisted upon an immediate

remedy and in most cases their suggestions have been promptly acted upon. So satisfactory to the county authorities have county institutions been managed that many county judges have, instead of committing patients to the hospitals, committed them direct to the county asylums. The Board, however, have deemed this a bad practice and early issued an order to the effect that all commitments, unless special permission be granted, shall be first to the hospital, where at least an attempt may be made to restore the mind before having the patient condemned as an incurable.

Another class of patients have been committed to the county asylums as "insane," that have no place in such institutions. These are the congenital idiots who have been committed direct to the county asylums by the county judges and have been entered upon the asylum books as insane, and hence the \$1.50 per week per capita has been paid by the state for their maintenance. There are at present in the county asylums one hundred and thirty-six of this class of patients and as the law specifically states that no idiot shall be committed to an asylum except at county expense, the Board, at the close of the year issued the following instructions upon that subject to the county asylum superintendents:—

"The Board have concluded to allow your bill for state aid for congenital idiots for the year ending September 30, 1894 "For many years past such bills have been audited without question and the Board have decided that in fairness to all of the interests involved there should be no disturbance of present conditions except after due and formal notice. We are, however, resolved that state aid shall hereafter be denied in all cases except where the law explicitly authorizes the same. The law contemplates that each county shall care for its idiots at its own expense. You are therefore notified that after September 30, 1894, the Board will allow no bills for the care of idiots.

"Please give notice of this order to your trustees, to the county judge of your county and the county judges of other counties having patients in your institution."

It will thus be seen that unless the legislature, at its coming session, makes some provision for this class of people they will be generally lodged in the county poorhouses. It seems an absolute necessity that some provision be made for their care as there is now no place in the state where they can be legally committed and there is no reason why they should be excluded from public aid for they are much more difficult to care for than the chronic insane.

Complete statements from these institutions will be found in the tables annexed.

COUNTY JAILS.

There have been many improvements in the county jails of the state during the biennial period. New, modern jails have been erected in the following counties: Barron, Bayfield, Dane, Dunn (rebuilt), Iron, Manitowoc, Marinette, Ozaukee, Racine, Sheboygan and Taylor, while in two other counties, viz., Price and Vilas, jails are now in process of erection.

Notices of condemnation have been filed with the county authorities of Brown, Shawano, Portage, Crawford and Wood counties and it is expected that before another year elapses these counties will make provision to replace these old structures, which are unsafe and unhealthy, with properly and legally constructed jails. There are other jails subject to condemnation, notably those in Winnebago, Marquette, La Fayette, Polk, Richland, Rock, St Croix and Washburn. All the other counties, with the exception of Forest and Adams, which are without them, have good jails and as a rule they are kept in excellent condition.

There are a few good police stations in the state, but the majority of them are cheaply constructed and are of little value. As they are used only for temporary detention they are not of so much importance as county jails, but each of them is annually inspected by some member of the Board and if found in an improper condition it is so reported to the proper

authorities. In several of the larger cities the Board has exercised its power of condemnation and in each instance the result has been improved stations.

POORHOUSES.

The three systems of poor relief still prevail in Wisconsin; the town, county and mixed systems. In appropriate tables will be found the amount of aid granted by each system as nearly as can be ascertained at this office.

Poorhouses, like the jails, are improving in character and there is still plenty of room for improvement.

There is a great variation in the treatment of paupers by different counties, poorhouse buildings varying from the palatial home with its modern equipments just erected in Milwaukee county, to the old, airy frame building, with its wooden bunks situated in Adams county. In most counties, however, they are comfortably and liberally supplied.

PRIVATE BENEVOLENT INSTITUTIONS.

Public charitable institutions and the public treasury are greatly relieved by the good work being performed by private benevolent institutions. The management of these institutions, as a rule, is highly creditable and the authorities have granted the Board every facility for thorough inspection.

HOME FOR FEEBLE MINDED.

The Board renews its recommendation for the establishment of a state institution to be known as a home for the feeble minded. There are nearly three thousand of this class of defectives in our state, with no place provided for their care or education.

Tables annexed hereto give detailed statements of expenditures at the different institutions, movement of population, and

estimate of expenditures deemed necessary for the next two years and a complete separate report upon each institution.

The Board desires to acknowledge the courtesies of the railroad companies for furnishing its members with annual passes over their respective lines within the state.

All of which is respectfully submitted.

J E. JONES,
C. D. PARKER,
J. W. OLIVER,
W. H. GRAEBNER,
CLARENCE SNYDER,
J. L. CLEARY,

Board of Control

Cost of Maintaining the Institutions.

TOTAL COST.

Average population, yearly and weekly cost per capita.

Institutions.	Tot	al	cost.		Aver			CO	rly st apite		c	ost	pe ita	r
	1898.		1894.		1898.	1894.	1898	3.	189	4.	189	8.	18	94.
State Hospital for the In- sane, Northern Hospital for the	\$101,752	41	\$108,484	23	528	519	\$192	71	\$308	98	\$3	71	\$4	0.2
Insane	121, 227					624	192					70		78
School for the Deaf School for the Blind	40,104 80,782	87	28, 187	61	91	109	838	27	209 258	6	6		4	9
Industrial School for Boys State Prison	59,661 78,214					845 609	184 186		185 129			55 62		49
State Public School	40,618	79	41,872	84	207	298	196	28	177	56	8	77	8	41
Total	\$167,428	70	\$480, 242	58	2,490	2,622	\$187	72	\$:88	16	\$8	61	\$3	55

Current Expenses.

STATEMENT OF CURRENT EXPENSES.

At the several institutions for the fiscal years ending September 30, 1893, and 1894, after taking into account the supplies on hand at the beginning and close of each year, and receipts and transfers from the different departments.

		7						
CLASSIFICATION OF ITEMS.	STATE HOSPIT. INSANE,	SPITAL FOR	State Hospital for Northern Hospital Insane, for Insane.	HOSPITAL	SCHOOL FOR DEAF.	OR DEAF.	SCHOOL FOR BLIND.	or Blind.
	1893.	1894.	1898.	1894.	1893.	1894.	1893.	1894.
Amusements and means of in								
struction	\$565 97	8335		8388		\$266	\$143	
Barn, farm and garden	. *8,582 93		*9,338		*383 85	*205 85	*184 55	+855 77
Boot and shoe factory		:	:	:		494	:	
Clothing	6.200 19	8,785 24	6,168 89	6, 183 86		48	90 64	88 10
Discharged patients		419	212	183		•		:
Discounts		*187	*135	*105		*58		
Drug and medical department		1, 9	970	1,058	127 63	178 69	158 81	132 83
Engines and boilers		748	8	604		170		
Elopers		228	7.5	8				
Freight and express (not other		į	:					
wise classified)		33	42	≈	26 67		-	
Fire apparatus	64	185	297	7			63	
Fuel		13,700	16,877	17,474			4,407	
Furniture		213	88	211		æ	98	
Gas and other lights	1,823 8	2,(24 96	1,760	1,974	1,300 86	1,190 09	1,209 24	
House furnishing		4,225	5,565	5,484			867	
Laundry		289	998	699			115	182 19
Laboratory		9	13 66	9 6 8 8	:		:	-
Liorary		3;	104	2)	•		:	
Machinery and tools	26 88	16 65	E (193	14 22	1 65	8	10 15
Miscellaneous		200	821	4			88	

Current Ex	penses.
------------	---------

Officers' expenses	225 88	809 491		147 9K	9K9 40	108	Ş	6	883) 0	166 21	Ξ	108 87	84	
Printing office.		:		- · · · · · · · · · · · · · · · · · · ·	a n on»	<u> </u>	\$£	3 8	4	<u>.</u>		÷		:	
telegraph	681 86	3 739 78	808	- 2	615		808	68	218	7.7	849.80	•	818	813 14	
Keal estate, including buildings, etc	<u> </u>	2,783	<u>:</u> -	1,999 61	1,782 51	:	1,546 57	: 22	1,061 60	:8	75 00 8,839 86	: 0 %	881 58	:8	
Restraints State board of control Subsistence	178 25 4,128 46 89,754 55	25 4,128 88,904	90 48 4,806 06 90 49,192.24		4,806 0.8 48,094 89	: 	1,586 78 9,845 64	-	1,586	: 6 5	1,188 86	:	1,188	:28	
Surgical instruments and appliances	196 60	10	35	88	35	_		- :						:	
Tobacco	507 28 33,667 27	407 35,115	73 20 39,92	20	455 87 89,926 69	•	18,195 73	73:	18,519 49		10,682 22	: <u>~</u>	12.098		
Work department. Indebtedness previous year Corrections inventory 1893	*50 85			: : :			241 50	<u> </u>	*241 50		183 88	<u> </u>	\$60 \$60	3 = :	
Totals*Gains deducted	110,546 27 8,798 86	110,546 27 118,881 70 180,761 30 180,601 98 \$40,800 74 \$38,651 55 \$31,821 74 \$28,603 88 8,798 86 4,947 47 9,478 35 9,639 14 695 95 264 67 1,038 87 415 77	0 130,76	88	30,601 9,639	188 ±	0,800	47 58 58	8,651	625	31,821 7 1,038 8	1 4 F	415	138	
Net expenditures	101,752 4	101,752 41 108,434 23	3 121,28	7 95 15	20,962	- 25	9,10	102 102	8,386	88	121,287 95 120,962 84 \$40,104 79 \$38,386 88 \$30,782 87 \$28,187 61	%	,187	81	
of inmates	2,129 85	871 85		818 63	797 72	<u> </u>		 			100 00	0	80	80 00	
Total costsReceived from counties	\$99,632 56 42,488 52	\$99,632 56 107,562 88 120 474 32 120,165 12 42,486 52 43,751 00 49,157 59 53,149 05	8 120 474 32 0 49,157 59	7 59 13	20,165 18 53,149 05	325					\$80,682 87 \$28,107 61	38 	,107	19	
Net cost to state	\$57,184 0	\$57,184 04 \$63,811 88 \$71,816 78 \$67,016 07	8 \$71,81	87.8	87,016	6									
								İ						ıl	

Current Expenses.

At the several institutions for the Ascal years ending September 30, 1893, and 1804, after taking into account the supplies on hand at the beginning and close of each year, and receipts and transfers from the different departments.

STATEMENT OF CURRENT EXPENSES—Continued.

CLASSIFICATION OF ITEMS.	INDUSTRIAL SCHOOL FOR BOYS.	L SCHOOL 30YS.	STATE PRISON	PRISON.	STATE PUBLIC SCHOOL	Public ool.
	1898.	1894.	1893.	1894.	1898.	1894.
Amusements and means of instruction	\$708 78	\$708 78 \$1,851 60	\$119 64 *378 14	\$31 26 *607 00	\$391.21	\$184 01
Armory			6 65	68		: :
Agents' expenses	*6,078 09		•4,638 00	*4,255 89	*1,096 31	2,088 65 -445 16
Boot and shoe factory	6,932 16	6,270 67	5,081 59	5,520 61	8,927 91	4,102 68
Children's transportation			161	995	877 01	
Discharges			3,469 61	8,388,23		
Drug and medical department	426 34	472 28	437	418	671 54	50 50 50 50 50 50 50 50 50 50 50 50 50
Engines and boilers			431	£64 202		92
Exchange			28	25		-
Fire apparatus	406 69	217 08	17 99	¥	49 18	⊙ ₹
Fight and express (not other was crassined).			8,880 98	7,177 07	4,561 91	4,618
Furniture	58 10 288 02	69 75	<u>:</u>	1.025		
House furnishing	8 50 8 8	2,528 63 898 16	1,830 44 547 06	776 27 482 35	650 78 205 41	1,008 88 160 74

Movement of Population.

MOVEMENT OF

In the several institutions for the bien

	STATE PIT			HERN PITAL.	SCHOO DE	L FQR
	Year 1898.	Year 1894.	Year 1893.	Year 1894.	Year 1893.	Year 1894.
· · · · · · · · · · · · · · · · · · ·						
Number present or enrolled Oct.						
1, 1892–98	545	535	63 8	648	165	176
Return'd from homes and on leave						
Admitted during the year	316	831	870	395	45	55
Escape returned				1		
m			1 000	1 000		
Total	861	866	1,008	1,039	210	281
	===					
Detumed to counties		l				
Returned to counties		51	68	68		
Died Escaped	89	1				8
Discharged recovered	62	94	79	87		• • • • • •
Discharged improved	4000	400				• • • • • •
Discharged unimproved		118				• • • • • •
Discharged not insane	110	4		200		• • • • • •
Writ of habeas corpus or order		-	~	- 1		• • • • • •
court						
Graduated					4	14
Dismissed					์ รี	
Transferred to hospitals for in					1	
sane						
Released conditionally					1	
Sentence expired or reduced						
Pardoned			' . .			
Absent or dropped from roll					21	20
Honorably discharged		• • 1			2	2
Transferred to industrial school						
Time expired					8	<u>.</u>
Time expired					1	2
Incapable			-••••			2
Placed in homes on trial	· • • • • •					
Placed in homes on indenture			• • • • • •			• • • • • • • • • • • • • • • • • • • •
In hospital for treatment					170	100
Number present or enrolled	585	479	648	597	176	188
Sept. 30	528	E10	630	624	17/4	100
Average for the year	028	519	030	024	174	183

Movement of Population.

OPULATION

nial period ending September 30, 1894.

SCHOO! Вы	L FOR	Indus Scho'l fo	frial dr Boys.	STATE 1	Prison.	State Scho	Public
Year 1 89 3.	Year 1894.	Year 1893.	Year 1894.	Year 1893.	Year 1894.	Year 1893.	Year 1894.
91 41	107 23	803 13 184	313 26 198	49 8		210 108 155	218 118 222
132	130	500	537	798	931	468	548
	•	3	11	2	6	6	17 2 8
 	8			4	8		• • • • • • • • • • • • • • • • • • • •
24	26	182 1	175	2 6 283 15	231		
	•••••				•••••	3	• • • • • • • • • •
107	100	818	351	586	662	219	88 221 1 266
91	100	828	845	587	609	207	288

Estimate of Appropriations Needed.

ESTIMATE OF APPRO
Estimate of expenditures and the appropriations required

CURRENT EXPENSE ITEMS.	State Hospi tal for the Insane.	Northern Hospital for the Insane.
Amusements and means of instruction	\$500 00	\$ 500 00
Barn, farm and garden	1,400 00	1,500 00
Clothing	7,000 00	8,000 00
Children's transportation		
Convicts' earnings		
Discharges	200 00	
Drugs and medical department	1,200 00	
Engines and boilers	1,000 00	
Elopers	200 00	
Fire apparatus	800 00	
Freight and express (not otherwise classified)		
<u>Fuel</u>	15,000 00	
Furniture	800 00	700 00
Gas and other lights	2,500 00	
House furnishing		
Laundry	700 60	800 00
Library		150 00
Machinery and tools	75 00	200 00
Miscellaneous	400 00	500 00
Officers' expenses	800 00	800 00
Printing, postage, stationery and telegraph Printing office	800 00	700 00
Repairs and renewals	3,000 00	2,500 00
Sock factory		
State board of control	4,129 00	4,806 00
Subsistence		
Surgical instruments and appliances	150 00	
Tobacco	400 00	
Wages and salaries	36,000 00	
Work departments		
•		
Total	\$121,304 00	\$140,256 00
To be received from counties	44,540 38	52,453 29
Receipts from board and clothing, sales and	,	,
convict labor	1,000 00	800 00
Balance	75,763 62	\$87,002 71
Probable surplus at close of present year	9,500 00	
Probable deficiency at close of present year		12,000 00
Appropriations necessary for first year	\$66,263 62	\$ 73,002 71
Appropriations necessary for second year	75,763 62	87,002 71
The state of the s		
Total for period	\$142,027 24	\$160,005 42

Estimate of Appropriations Needed.

PRIATIONS NEEDED.

for each of the two coming appropriation years.

School for the Deaf.	School for the Blind.	Industrial School for Boys.	State Prison.	State Public School.
\$ 500 06	\$1,500 00	\$1,500 CO	•	\$500 00 4,500 00
800 00	1,200 00	2,000 00	1,500 00	2,000 00
600 00 200 00	200 00	2,000 00 7,500 00	6,000 00	4,500 00
200 00			500 00	700 00
200.00	150.00		4,500 00	
200 00 300 00	150 00 500 00	500 00 1,000 00	700 00 1,000 00	700 00 1,000 00
		500.00	400 00	100 00
100 00 50 00	200 00	400 00 100 00		
5,500 00	4,500 00			100 00 5,000 00
300 00	1.000 00	500 00	500 00	300 00
1,200 00 800 00				
250 00				
260 00				
100 00	200 00			
450 00				
200 00 300 00		100 00 600 00		
500 00			333 31	400 00
2,000 00			2,000 00	3,000 00
1,587 (0)	1,138 00	2.000 00 2.400 00		2.068 00
11,000 00	8,500 00			15,000 00
	• • • • • • • • • • •		700 00	· · · · · · · · · · · · · · · ·
20,000 00	18,000 00	20,000 00	27,000 00	18,000 00
	500 00			
\$17,287 00	39,588 00	\$76,750 00		\$61,468 00
	•••••	7,724 00		• • • • • • • • • • • • • • • • • • • •
400 00	8ú0 00 ————	2,000 00	60,000 00	•••••••
\$46,887 00		\$67,026 00 8,800 00	\$36,822 00	\$61,468 00
3,300 00		8,800 00	26,000 00	23,600 00
	400,000			
\$43,587 00 46,887 00	\$39,288 00 89,285 00	\$58,226 00 67,026 00	\$62,822 00 36,822 00	\$37,868 00 61,468 00
\$90,474 00	\$ 78,576 00			

Comparative Statement.

COMPARATIVE STATEMENT

Of the average number of immates and total and per capita cost for current expenses at the several state institutions in Wisconsin for the fiscal years from October 1, 1874, to September 30, 1894, inclusive.

Comparative Statement.

COMPARATIVE STATEMENT—Continued.

	SCHOOL	FOR DE	AF.	SCHOOL	for Bl	IND.
Year ending Sept. 80.	Total current expense.	Av. num- ber.	Cost per capita.	Total current expense.	Av. num ber.	Cost per capita.
1874	\$40,500 00 85,624 00 28,165 64 37,588 36 80,000 00 27,961 58 38,586 83 \$38,427 68	132 145 155 140 148 182 172	262 30 194 25 242 47 214 28 209 79 211 88 224 34	18,009 00 16,500 55 17,418 82 18,658 54 17,800 76 16,830 78	59 60 67 77 78 67 67	\$816 66 805 08 800 00 247 62 226 86 255 58 265 68 251 24
1882	\$84,875 94 85,666 80 89,586 87 87,585 39 89,048 07 85,515 80 97,609 29 87,298 57 86,745 70 87,678 98 88,035 95 40,104 79 38,886 88	188 205 205 195 198 206 191 182 181 171	189 71 187 98 183 84 200 22 179 37 182 57 195 25 201 90 208 17 222 48 230 49	16.670 48 17,525 83 19,434 80 17,484 44 19,630 52 20,365 41 19,850 72 21,986 27 22,639 62 22,551 81 30,782 87	57 68 68 62 78 84 84 7 80 84 7 80 84 7 91	291 95 277 52 813 46 264 92 268 91 242 45 280 87 274 88 269 52 304 75 888 27
Average	\$37,429 04	189	\$198 04	\$21,025 85	76	\$276 66

Comparative Statement.

COMPARATIVE STATEMENT — Continued.

. 30.	8сно	OL 1	FOR	Boys	.	STATE PRISON.			ON.		STATE PUBLIC SCHOOL.					
Year ending Sept. 30.	Total current expense		Av. No.	Cos per capi	r	cu	otal rren ens	ıt	Av. No.	Co pe cap	r	Total currer expens	nt	Av. No.	Coa pe: capi	r
1875 1876 1877 1878 1879 1880 1881 Av. 1882 1883 1884 1885 1886	48,149 46,821 48,721 42,866 51,650 46,214 \$46,566 \$49,788 42,038 42,229 45,618 41,947	70 49 81 45 72 78 07 69 01 78 74 27	800 299 841 880 425 427 404 859 821 291 800 292 800	161 185 128 100 120 114 \$129 \$154 144 140 156 189	52 87 84 21 86 90 89 85 85 21 43 77 21 82	\$47 50 53 54 62	,751 ,949 ,944 ,168	88 85 74 08 88 11 48 83 29 52 08 40	261 290 387 828 304 288 282 282 386 868 898 443 456	179 162 150 128 122 145 162 148 142 187 124 186	89 55 81 58 77 01 12 88 15 08 82					
1887 1888 1889 1890 1891 1892 1893 1894	57,226 61,622 51,877 59,661	12 25 05 81 95 69 91 85	884 859 892 421 896 816 328 845	186 145 185 155 162 184	98 61 46 71 28	61 62 61 78 66 78 78	,825 ,078 ,020 ,401 ,294 ,887 ,214 ,995	87 58 51 84 .04 98 24	441 468 528 585 518 587 609	183 188 117 187 129 136 129	49 95 68 00 08 84 71	\$11,278 20,128 84,760 88,884 44,748 40,208 40,618 41,872	48 97 83 53 79 88	116 211 258 277 287 207	164 151 161 194 196 177	52 46 72 55 87 28

County Quotas in Hospitals.

COUNTY QUOTAS IN HOSPITALS.

Table showing the quota or number of patients each county is entitled to have in the state hospitals for the insane, based upon the population as shown by the census of 1890, taking effect January 1, 1891.

					====
County.	Popula- tion.	Quota	County.	Popula- tion.	Quota
Adams	6,887	5	Marathon	28,154	22
Ashland	18,000	9	Marinette	20,803	16
Barron	15,892	12	Marquette	9,669	7
Bayfield	7,280	5	Milwaukee	285,787	
Brown	39,009	80	Monroe	28,180	18
Buffalo	15,975	12	Oconto	15,030	11
Burnett	4,398	8	Oneida	8,600	8
Calumet	16,616	18	Outagamie	88,608	80
Chippewa	25,069	19	Ozaukee	14,885	11
Clark.	19,876	15	Pepin	6,924	5
Columbia	28,812	22	Pierce	20,366	16
Crawford	15,960	12	Polk	12,961	10
Dane	59,554	46	Portage	28,881	ļ 18
Dodge	44,929	84	Price	5,250	4
Door	15,668	12	Racine	86,148	28
Douglas	18,405	10	Richland		15
Dunn	22,566	17	Rock	48,201	j 88
Eau Claire	80,671	24	St. Croix	28,081	18
Florence	2,602	2	Sauk		28
Fond du Lac	44.006	84	Sawyer	1,975	2
Forest	1,012	2	Shawano	19,229	15
Grant	86,649	28	Sheboygan		88
Green	22,700	17	Taylor	6,684	1 .
Green Lake	15,158	12	Trempealeau	18,858	14
Iowa	22,166	17	Vernon	25,126	19
Iron	7,500	5	Vilas	1,400	1 2
Jackson		12 26	Walworth	27,748	21
Jeffenson	88,484	,	Washburn	2,925	1 17
Juneau Kenoshå	17,102	13	Washington		20
		12	Waukesha	38,141	20
Kewaunee	16,161 88,760	80	Waupaca	26,782	1 10
		16	Waushara	18,490 50,008	88
La Fayette	9,485	10	Winnebago	18,901	1 14
Lincoln	11.975	9	Wood	10,501	_11
Manitowoc	87,649	29	Total	1,688,697	1,10

REPORT OF THE TREASURER.

MADISON, Wis., Oct. 1, 1894.

To the State Board of Control of Wisconsin Reformatory, Charitable and Penal Institutions:

GENTLEMEN:—I hand you herewith my report as Treasurer of the several institutions under your charge for the two years ending September 30, 1894.

Very respectfully yours,
M. C. CLARKE.

WISCONSIN STATE HOSPITAL FOR THE INSANE.

	Current Expense Fund.		ng Septem), 1898.	YEAR Ending SEPTEMBER 80, 1894.		
1892. Oct. 1. 1898 Sept. 80	By state treasurer to date. By steward to date, To warrants paid to date Balance	\$113,269 45		\$97, 116 59 18,846 79		
	Balance Less outstanding warrants as reported by sec'y of board Balance available		\$126, 157 06	\$110,468 88	\$110,468 88	
1892. Oct. 1 Dec. 24	CEMENTING BASEMENT FUND Balance	+ \$389 20	V			
1892. Oct. 1 Dec. 28	CURBING REAR BASEMENT WIN- DOWS AND GRADING. Balance	\$800 OO	\$300 0 0			

^{*} Over draft.

NORTHERN HOSPITAL FOR THE INSANE.

	CURBENT EXPENSE FUND.		ng Septem-), 1898.	Year ending September 30, 1894.		
1892 Oct. 1 1898 Sept. 30 Sept. 30 Bept. 30	By steward to date	\$121,308 09 13,867 18 \$135,170 22	101,889 92 8,865 78 	17,588 88	121, 686 52 4, 006 20 \$189, 559 85 \$17, 538 88 14, 882 52	
1892. Oct. 1 Dec. 28 1894. Sept. 30 Sept. 30	Chap 88, laws 1882	\$ 512.86			\$1,000 00 *\$488 95	
	Balance			*\$488 95		

^{*} Over draft.

SCHOOL FOR THE DEAF.

	CURRENT EXPENSE FUND.	Year endir ber 80	ng Septem-), 1898.	Year ending Septem- ber 30, 1894.		
1892. Oct. 1	Balance		47 999 99		A4 7740 A0	
1898. Sept. 80 Sept. 80	By state treasurer to date By steward to date		86, 879 29 1, 575 57	\$39,864 24	\$1,748 08 89,988 48 1,289 17	
Sept. 80	To warrants paid to date Balance	4,748 08 345,887 24	••••••	6,111 44		
	Balance		\$4,748 08 4,752 18		\$6,111 44 5,401 94	
	Balance available		*\$4 05		\$709 50	
	Water Supply for Fire Pro- tection.					
1898. Oct. 1 Sept. 30 Sept. 30			\$1,000 00	\$1,088.95	\$1,000 00 88 25	
		\$1,000 00		\$1,088 25	\$1,088 95	

^{*}Over draft.

SCHOOL FOR THE BLIND.

	CURRENT EXPENSE FUND.		ng Septem-	Year endin	ng Septem-
		ber 80), 189 3 .	ber 80	, 1894.
1892. Oct. 1.	Balance		\$7,786 17		\$6,814 86
1898. Sept. 30 Sept. 30	By state treasurer to date By steward to date By transfer finishing interior of		30,879 55 779 52		25,528 48 665 80
Sept. 80 Sept. 80	shops fund, to balance To warrants paid to date Balance	32, 130 89 6,814 85		\$29,540 64 3,503 92	40 90
_		\$38,945 24		\$38,044 56	\$38,044 56
	Balance		\$6,814 83 8,174 52		\$3,508 95 2,487 46
	Balance available	1			\$1,076 46
1	New Heating System Fund.				
Oct. 1.	Balance	••••			\$3.580 86
1898. Sept. 30 Sept. 30 Sept. 30	By state treasurer to date To warrants paid to date Balance	\$1,419 14 8,380 86	\$ 8, 00 0 00	\$1,865 98 214 93	1,000 00
		\$8,000 00	\$8,000 00	\$4,580 86	\$1,580 86
Sep . 30	Balance		\$ 3,580 86	-	
	ported by secretary of board Balance available	f	\$8,005 50		300 00 * \$ 85 07
	Finishing Interior of Shops.				
Oct. 1.	Balance				\$1,606 89
1898. Sept. 30 Sept. 30 Sept. 30	By state treasurer to date To warrants paid to date To transferred to current expense	\$898 11	\$2,500 00	\$1,565 98	
Sept. 80	fund to balauce	1,606 89		40 96	
i		\$2,500 00	\$2,500 00	\$1,606 89	\$1,606 89
Sept. 30	Balance		• •		
	ported by secretary of board			•••••	
İ	Balance available		\$202 18		•••••

[•] Over draft.

SCHOOL FOR THE BLIND.—Continued.

	Curbent Expense Fund.		ng Septem- 0, 1893.	Year ending September 80, 1894.		
	WATER SUPPLY FOR FIRE PROTEC- TION.	***				
1894. Sept. 80 Sept. 80				\$8,511 60 588 40	\$4,100 00	
				\$4,100 00	\$4,100 00	
	Balance Less outstanding warrants as re- ported by secretary of board				\$588 40 47 86	
	Balance available		••••		\$540 54	
1894.	STATE CIRCULATING LIBRARY FOR THE HLIND.					
Sept. 80 Hept. 80	To warrants paid to date			£188 51	\$500 00	
í				\$500 00	\$500 00	
	Less outstanding warrants as re-				\$366 49	
	ported by secretary of board				2 50	
	Balance available	••••••		· · · · · · · · · · · · · · · · · · ·	\$368 gg	

INDUSTRIAL SCHOOL FOR BOYS.

	CURRENT EXPENSE FUND.	Year endir ber 80,	ng Septem. 1898.	Year ending September 30, 1894.		
1898	Balance		` '		\$9,068 56	
Sept. 30 Sept. 30 Sept. 30 Sept. 30	To transferred from water tower	\$68, 141 01	5,822 79	\$61,599 88	4,445 11	
-	and reservoir fund to balance Balance					
;		\$72,288 52	\$72,288 52	\$67,972 74 ======	\$67,972 74	
[Balance Less outstanding warrants as re-		1 * '		* '	
į	ported by the sec'y of board Balance available		7,890 72		6,086 14 9266 72	
			- B', 1/1 8'		300 12	
1892 Oct. 1	WATER TOWER AND RESERVOIR. Balance—overdraft Transfer from current expense fund to balance	1	\$78 85			
1	STONE SCHOOL HOUSE, ETC.					
Sept. 30 Sept. 30	Raiance State treasurer to date To warrants paid to date Balance	\$1,020 80 5,479 70	\$6,500 00	\$16,685 06 294 64	\$5,479 70 \$11,500 00	
		\$6,500 00	\$6,500 00	\$16,979 76	\$16,979 70	
	Balance		1 1		\$194 64	
				•••••		
J	Balance available		\$179 70	• • • • • • • • • • • • • • • • • • • •	\$116 78	

WISCONSIN STATE PRISON.

	CURRENT EXPENSES.	Year endir ber 80	ng Septem. , 1898.	Year ending September 80, 189 i.		
1892. Oct. 1 1898.	Balance		, ,		\$10,699 96	
Sept. 80	By state treasurer to date		10,818 68 59,925 81		28,829 34	
	By steward for convict labor By steward for sundries	••• •••	5,578 24		51,020 57 8,730 60	
	By steward for sundries. By transfers—Tailor and unitting	·····		••••	·	
- 1	shop for labor, etc By transfers—Kitchen and hos-				2,520 95	
1	pital fund				62 80	
Sept. 8 0	To warrants paid to date To transfers tailor and knitting		!	\$81,709 86		
	shop fund	l		1,912 00		
1	To kitchen and hospital fund, to balance			56 78		
i	Balance	10,699 96		18,185 90		
		\$86, 467 87	\$86,467 87	\$96,861 49	\$96,864 49	
i	Balance		210,699 96		\$18, 185 90	
ļ	Les : outstanding warrants report-		1 .			
	ed by the sec'y of the board		6,425 57		10,804 01	
1	Balance available		\$1, 274 89		\$2,881 89	
Ī	WARDEN'S RESIDENCE.				نسست ت	
1898.	•				AREO LO	
Sept. 80	Balance to date		24,000 00		\$556 57 1,000 00	
Sept. 80	By steward		11 40	\$500 00		
i	To warrants paid to date	\$3,454 58 556 87		1,056 87		
- 1		\$1,011 40	\$4,011 40	\$1,556 87	\$1,556 87	
- 1				=====		
į.	Balance available	· • • • • • • • • • • • • • • • • • • •	\$556 87	••• •• ••	\$1,066 87	
	KITCHEN AND HOSPITAL.					
	Balance		·	*\$100 00		
Sept. 80 Sept. 80	By state treasurer to date			· • • • • • • • • • • • • • • • • • • •	\$5,000 00 56 73	
Sept. 80	To warrants paid to date	\$100 00		4,893 98		
Sept. 80 Sept. 80	To current expense transfers Balance		*\$100 00	62 80		
36pt. 60	Distribution					
1		\$100 00	\$100 00	\$5,050 78	\$5,056 78	
ł	Balance	*\$100 00				
	Outstanding warrants as report- ed by sec'y of board	2 20				
	ou by bee y or boar a		1			
		*\$102 20		• • • • • • • • • • • • • • • • • • • •	•••••	
!	Additional Cell Room and Re- pairs to Main Building.					
1894.						
Sept. 80	By state treasurer to date				\$10,000 00	
	To warrants paid to date			\$9,189 92 810 03		
1	DEIEUGE					
i				\$10,000 00	\$10,000 00	
	Balance available				\$ 810 08	
1					6 010 00	

^{*} Over draft.

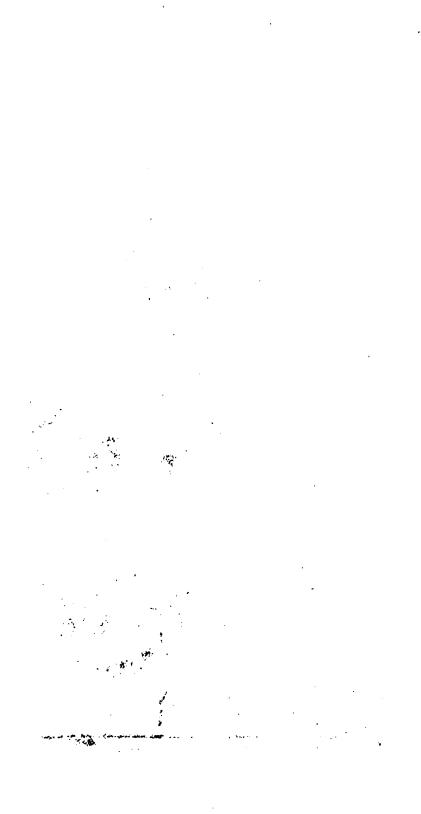
STATE PRISON.—Continued.

	CURRENT EXPENSE FUND.	Year ending 30, 189	Septem- 3.	Year ending Septem- 30, 1894.		
1894. Sept. 30 Sept. 30 Sept. 30				\$10,024 22 \$,520 92 2,759 24	\$10,000 00 8,392 38 1,918 00	
	Balauce. Less outstanding warrants as reported by secretary of board				\$2,759 94 1,049 88	
	Balance available Transferred to tailor shop Transferred to knitting shop.			849 84		
				\$1,716 91	\$1,716 91	
1	TAILOR SHOP.					
	Balance from tailor and knitting shops				\$874 07	
	Knitting Shop.					
	Balance from tailor and knitting shops.				\$849 84	

STATE PUBLIC SCHOOL.

	CURRENT EXPENSE FUND.	Year endi	ng Septem- , 1898.	Year endir ber 80	ng Septem- , 1894.
1692 Oct. 1	Balance		\$7,454 89		\$3,817 85
Sept. 30 Sept. 30	By state treasurer to date By steward to date By transfer—liabilities on ac- count fire loss.		81,698 70 881 45 6,067 80		87,538 12 645 69
Sept. 80 Sept. 80	To warrants paid to date	\$42,159 49 8,817 85 \$45,977 84	\$45,977 84	\$42,001 66	
	Less outstanding warrants as reported by sec'y of board		8,625 06		
	Balance available LIABILITIES ON ACCOUNT OF FIRE LOSS.		\$192 79		*\$1,128 19
1898 Aug. 29	By state treasurer. To transfer — current expense fund.	i	\$6,067 80	1	

Overdraft.



State Hos pital, Mendota.

SIXTH BIENNIAL REPORT,

OF THE

Wisconsin State Hospital for the Insane

FOR THE

Two Fiscal Years Ending September 30, 1894.

OFFICERS.

JOHN. B. EDWARDS. M. D	 Superintendent.
F. A. LYMAN, M. D	 ASSISTANT PHYSICIANS
H. W. ABBOTT	 STEWARD.
P. H. O'MALLEY	 Assistant Steward.
ELIZABETH WHITEHEAD .	 MATRON.
M. C. CLARKE	 TREASURER.

SUPERINTENDENT'S REPORT.

To the State Board of Control:

Gentlemen,—The Sixth Biennial Report of the Wisconsin State Hospital for the Insane is most respectfully submitted to your honorable board.

The usual tables of statistics accompany the report, and I have taken the liberty to recommend improvements and additions that I consider essential to equip the institution for the proper care and treatment of its unfortunate patients.

The total number of patients remaining September 30th, 1892, was five hundred and forty-five; of these 316 were males and 229 females.

During the year 1893, three hundred and sixteen patients were admitted; of these 205 were males and 111 females.

During the year 1894, three hundred and thirty-one patients were admitted (187 males and 144 females).

The whole number under treatment during the year 1893 was eight hundred and sixty-one (521 males and 340 females).

The number treated during the year 1894 was eight hundred and sixty-six (511 males and 355 females).

The daily average number of cases under treatment during 1893 was five hundred and twenty-seven and for the year 1894 it was five hundred and eighteen.

The number of discharges for the year 1893 was two hundred and eighty-seven (169 males and 112 females), and for 1894, three hundred and eighty-seven (231 males and 156 females).

Those discharged as recovered during 1893 were sixty-two (39 males and 23 females).

Of 107 discharged as improved, sixty-two were males and forty-five females.

118 were discharged unimproved (68 males and 50 females).
39 patients died (28 males and 11 females).

State Hospital.

94 patients were discharged as recovered during 1894 (46 males and 48 females). As improved, one hundred and twenty (64 males, and 56 females). Unimproved, one hundred and eighteen (88 males and 30 females).

There were fifty-one deaths (30 males and 21 females).

The death rate for 1894 has been larger than for a number of years and is accounted for partly by the class of cases admitted and partly by the number of cases of chronic organic disease. As will be seen by table giving causes of death, there have been no deaths from contagious diseases at this hospital during the past two years (except cases of tuberculosis).

There were in the year 1894, six deaths from exhaustion, of acute mania. One died one day after admission, one, eight days, two in three weeks and two in six weeks. Of the four deaths of exhaustion of chronic mania, one died eleven days after admission and the other three had been in the Hospital one year and nine months, four years and four months, and four years and nine months respectively. There were two deaths from peurperal mania. One three days and one four days after admission. Of deaths from acute diseases, there were four from pneumonia (one case of chronic mania and three demented patients), one from meningitis (an epileptic patient), and one case of septicaenia. This patient was suffering from chronic mania, was quiet and worked nearly every day. The disease first manifested itself in the vicinity of a slight abrasion on the back of the hand.

IMPROVEMENTS.

The following improvements are mentioned in the order of their importance. Those bettering the hygienic condition of the institution I have placed first in order.

New soil pipes have been put in on all the wards, and stools, bath tubs and urinals trapped. The straw mattresses on the wards and in the rear center have been replaced by woven wire mattresses, new flush closets put in front and rear center to replace old and untrapped closets, and a bath room has

Superintendent's Report.

been provided in the rear center for male employes. During the early part of 1893, the roofs and outside of buildings were given a thorough painting. Two coats of paint were put on. This was a very much needed improvement.

The wards, dormitories and amusement hall have been painted and officers' dining room, matron's office and new sewing and store rooms have been fitted up.

The heating and ventilating system has been inadequate—necessitating the use of extra radiators on the wards. It is being perfected according to plans of Captain John Nader at nominal cost and will be completed in the near future.

RECOMMENDATIONS.

I would earnestly recommend that steps be taken to provide infirmary wards, male and female, and an isolation hospital. There is not a week during the year that the urgent need of an infirmary is not felt and I do not think there could be but one opinion as to this necessity could all see the—disadvantage—I almost said the inhumanity, of keeping the sick on the general wards. The necessity of an isolation hospital is particularly forced on our attention this year by the great danger threatened from small-pox and I am appalled at the thought of what the consequences might be should a patient be admitted to this institution that had been exposed to that dread disease.

I would recommend as a means of economy and safety, the putting in of an electric lighting plant. The expense of keeping the present gas plant in repair is considerable, and unless I am misinformed, would soon pay for the change of system. But what to me is a stronger argument is the increased safety to the buildings and the patients. The latter reason has been forcibly brought to my mind by an accident that nearly cost two lives, that of a patient and an attendant. The patient had set her clothes on fire at a gas jet that was thought perfectly safe, and, but for the discovery of her peril, would have been

State Hospital.

burned to death. As it was, both patient and attendant were painfully burned.

An internal telephone system is badly needed. The method of communication with the wards from the medical office is entirely inadequate, causing great waste of time and unnecessary work.

For the comfort and convenience of sick and infirm patients received, and transporting them from one ward to another, an elevator is an absolute necessity and could be put in, replacing one of the side stairways, the car being large enough to take in a wheeled cot or stretcher. The cost would be small compared to the comfort and convenience it would afford.

As it is necessary to repair and refit the drying room of the laundry, I would recommend changing the positions of the drying and sorting rooms, making it possible to use exhaust steam for heating the drying room.

I would recommend that the wards be furnished with the modern, iron hospital bedsteads to replace the wooden ones now in use, the greater number of which are old and in a condition that is almost impossible to keep free from vermin.

As a matter of comfort to the patients and of cleanliness I would recommend flush closets throughout the wards.

ACKNOWLEDGMENT OF CONTRIBUTIONS.

The following friends of the institution are entitled to warmest thanks:

Mr. W. S. Warner, Madison, papers, magazines, etc.

Mr. Edwin Sumner, Madison, periodicals of all kinds. Christian Endeavor society of the Congregational church,

Christian Endeavor society of the Congregational church. Madison, magazines and papers.

Christian Endeavor society of Christ Presbyterian church, Madison, magazines and papers.

State Journal Company, courtesy of Mr. John Hawks, Madison, papers and periodicals.

W. C. T. U., Madison, magazines.

Midland Publishing company, Madison, periodicals.

Mrs. Dr. Hallock, cut flowers.

Mr. Grove, steward of Northern hospital, cut flowers. University Glee Club, an enjoyable entertainment.

Superintendent's Report.

Grace church choir and leaders, Madison, song service. Music for New Year's reception by Madison Banjo and Mandolin Orchestra.

Miss Abbott of Baraboo, music favors. Mendota Brass Band, 4th of July concert.

The editors of the following papers have kindly sent their publications to the delight of the patients from the localities where they are printed:

Slavie, Racine, Wisconsin Botschafter, Madison, Oregon Observer. Montello Express, Portage Daily Democrat; Skandinavian Daily, Chicago, Der Herold, Milwaukee, The Dial, Boscobel, Barron County Shield, Bayfield County Press, Tomah Journal, Monroe Sun, Fort Howard Review, Superior Times, Waupaca Republican, Waupun Leader, The Courier, Prairie du Chien, Clinton Herald, Tribune, Evansville, Northwestern Courier, Fond du Lac, Reedsburg Free Press, The Norden, Chicago, Columbia, Milwaukee, The Germania, Milwaukee, The Lodi Valley News, Folkebalder, Minneapolis, Der Volksfreund, La Crosse, Grant County Herald, Utley's Dollar Weekly, Racine. Utley's Dollar Weekly, Racine. Volksfreund, Appleton, Badger State Banner, 81's Riv. Falls, Buffalo County Republicaner, Brodhead Independent, Dodgeville Chronicle, Wisconsin Free Press.

Elkhorn Independent, Shebovgan County News, Nord Stern, La Crosse, Mauston Star. Janesville Gazette. Adams County Press, Friendship, The Chetek Alert, Der Nordwestern, Manitowoc, Racine Journal, Richland Rustic, Daheim, Fond du Lac, River Falls Journal, Buffalo County Journal, Monroe Sentinel, Watertown Wethberger. Freidenker, Milwaukee, Janesville Recorder and Times. Chicago Hemlandet, Derdens Gang, Chicago, Der Deutsch Americaner, Neillsville, Minneapolis Svenska Folkets Tidning, The True Republican, Die Garten laube Leipsig, Evansville Enterprise, Brandon Times. Manitowoc County Chronicle, Weekly Review, Évansville.

Religious services have been held in the chapel every Sunday afternoon during the past year. The services are conducted by ministers of different denominations and they have been paid a small compensation for such service.

The entertainments are continued, once or twice weekly, unless too hot, in amusement hall during some of the summer evenings. The music at the entertainments is furnished by an orchestra organized by the employes. The dances, card parties, etc, are enjoyed very much by the patients and are looked forward to with great pleasure.

Superintendent's Report.

All patients that are capable are encouraged to work and those that will not or are unable are out in the air every morning and afternoon when the weather will permit. The only exception to this, are the ones too feeble to go out, and the sick, with an occasional patient that is disturbed to a degree making it unsafe to take them out.

Holidays have been celebrated in the usual manner, Christmas, the masquerade on Washington's birthday, the 4th of July and Thanksgiving day, being enjoyed in the order named, by the patients.

There have been two changes in the medical staff during the past year. Dr. Hughes, the Assistant Superintendent, resigned to go into private practice June 25, 1894. Dr. Lyman was promoted to fill that vacancy and Dr. H. H. Herzog was appointed second assistant physician. After a very short service he was offered a better position at the Rochester Asylum, Minnesota, which he accepted after consulting me. position at this institution was filled by the appointment of Dr. Drake, September 12th. I have been particularly fortunate during my service here in the medical officers I have had to aid me in the work that has been done, and to them is due a full share of whatever commendation is due the administration of this institution. Dr. Lyman's long service at this institution, the great interest taken by him and Dr. Hughes in its proper conduct, and the untiring and skillful discharge of their duties, I wish fully to acknowledge.

I also wish to express my gratitude to all the officers and employes for their loyalty to the institution and their appreciation of its great purpose.

In closing this report I wish to extend to your honorable board, my warmest acknowledgment of the generosity and kindness with which you have treated me. Thanking you for the confidence you have reposed in me in the past, I shall do all in my power to merit its continuance in the future.

Very respectfully,
JOHN B. EDWARDS,
Superintendent.

Statistical Tables.

TABLE No. 1.

Movement of Population.

	1898.			1894.			
	Male.	Fe male.	Total.	Male.	Fe- male.	Total.	
Remaining September 30, 1893	316	229	545		 - • • • • • •		
Remaining September 30, 1893				324	211	588	
Admitted during year	205	111	316	187	144	381	
Whole number treated	521	340		511	355	866	
Discharged recovered	39	28		46			
Discharged improved	62						
Discharged unimproved	68	50		88	30	118	
Died	28	11	89	30	21	5	
Not insane	~0	**	00	3	1	4	
Whole number discharged	197	129	326	231	156		
Remaining September 30, 1893		211	585	~0,	100	•	
Remaining September 30, 1894				280	199	478	
Daily average under treatment	314	214	528	809	210	519	

TABLE No. 2.

Admissions and discharges from beginning of Hospital.

	1898.				1894.			
	Male.	Fe- male,	Total.	Male.	Fe- male	Total.		
Admitted Discharged recovered Discharged improved Discharged unimproved Died Not insane	8,526 1,005 841 884 470 2	688 784	1,778 1,479 1,668	8,718 1,051 905 972 500 5	816 694 814	1,867 1,599 1,786		

State Hospital.

TABLE No. 3.

Number attacked at various ages during 1893 and 1894.

		1893.	,	1894.			
	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.	
Less than 15 years Between 15 and 20 years Between 20 and 30 years Between 30 and 40 years Between 40 and 50 years	22 49 49 27	5 25 42 11	74 91 38	1 13 48 59 25	42 25	87 101 50	
Between 50 and 60 years	30	14 11 3	44	13 25 2 1	11 13 1		
Total	205	111	316	187	144	331	

Table No. 4.

Number at each age from beginning of Hospital.

	WH	WHEN ATTACKED.					
Age.	Male.	Female.	Total.				
Less than 15 years Between 15 and 20 years Between 20 and 30 years Between 30 and 40 years Between 40 and 50 years Between 50 and 60 years Unknown Not insane	76 300 1,041 811 610 371 291 208 5	51 231 883 747 460 272 158 104	127 531 1,924 ·1,558 1,070 643 449 312 8				
Total	3,713	2,909	6,622				

Statistical Tables.

TABLE No. 5.

Nativity of Patients Admitted.

Nativity.	1893.	1894.	From begin ning.	Nativity.	1893.	1894.	From begin- ning.
Austria		1	17 15		1		81
Belgium Bohemia		4	3 2 143	Maryland Michigan		3	41 8
Canada Cuba Denmark	2	1	3 48	Minnesota New Hampshire	2 1	8 1	26 55
England France Germany		4 1 26	254 14 911	New Jersey New York	83	29	21 805 1
Holland Ireland Isle of Man	12	1 16	4 555 3	North Carolina.	1 16		195 204
Isle of Wight New Brunswick		i	1 11	Russia		2	2
Norway Nova Scotia Poland		1 2	688 16 14	Tennessee Vermont			8 4 115
Sweden	5	14 4 2	116 79 64	Virginia	1 118	4	21 1,853
WalesAlabama	ĩ	1 1	56. 3	United States Unknown	4	7	55 164
Connecticut California Illinois		1	71 1 80	Italy		1	6 1 . 1
Indiana Nebraska Newfoundland.		8	59 1 1	Finland Georgia Prussia			1 1 8
Iowa Kansas Kentucky		8	81 1: 16	Jotal			6,622

State Hospital,

TABLE No. 6.

Residence of patients admitted.

	18	98.	18	394.
County.	Admitted.	Remaining.	Admitted.	Remaining
Adams. Barron. Buffalo. Burnett	1 6 8	6 12 13	2 5 1 1	7 8 7 4
ChippewaClarkColumbiaCrawford	9 11 2	5 1 7 16 9	11 16 15	1 9 16 14
Dane	89	61 1	81 	61 115
Eau Claire. Grant. Green Lowa. Jackson. Jefferson.	15 14 10 11 8	15 27 19 9	15 18 18 8 6 6	12 23 12 12 12 18
JuneauLa CrosseLaFayetteMarquette		20 26 20 1	18 15 8	23 16 11
Milwaukee Monroe Pepin Pierce Polk	18 2 8 10	22 5 19 16	11 4 8 7	1 18 6 20 8
Richland Rock St. Croix Sauk Sawyer	80 80 8 15 8	11 38 20 11 6	15 82 13 9	12 27 28 12 2
TrempealeauVernonWalworthWashburnWashburn	7 9 6 1	18 17 15 4	8 8 11 2	12 19 17 2
Winnebago State at large	19	44	20	33
Total	816	585	381	479

Statistical Tables,

TABLE No: 7.

Duration of insunity before entrance of those admitted.

	1893.			1894.			FROM THE BE- GINING.			
DURATION.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
Less than 3 months Between 3 and 6 months Between 6 and 12 months. Between 1 and 2 years Between 2 and 3 years	59 27 25 28 13	28 15 10 6	87 42 35 29	58 30 20 15	28 18 11	38 26	1,166 410 420 357 244	825 855 865 266 174	1,991 765 785 629	
Between 3 and 5 years Between 5 and 10 years Between 10 and 20 years Between 20 and 30 years	10 21 6	5 10 6 2	15 31 12 3	14 19 5 8	10 4 17 3	28 22 6 8	272 284 186 87	226 256 156 36	418 498 490 292 78	
Over 80 years Unknown Not insane	2 16 2 	24	2 40 2 816	21	1 7 	28 	8 424 5 	10 287 3 2,909	6,622 6,622	

State Hospilal,

TABLE No. 8.

Ratio of deaths for twenty-three years.

		IOLE I		Nux	iber D	IED.	Per (CENT.	ENT. DIED.		
YEAR.	Male.	Fe- male.	Fotal.	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.		
							4 4 5		4 00		
872	265	256		. 11	14		4.15				
878	297	288 235		9	13 12	22 24	3.03 5.40	4.51 5.11	3.77 5.26		
874 875	222 260	247	457 507	12 9	11	20					
876	289	268	557	10	10						
877	250	248		17	11	28	6.80				
878	278	252		18	12	30	6.00	4.76			
879	305	302		9	7	16	2.95				
880	377	346		19	16		5.04	4.62			
881	402	368		19	14	38	4.72	3.80	4.26		
1883	339	317		12	16		8.57	5.05	4.3		
883	369	308	677	18	8	26	4.88				
884	383	325		18	12		4.70				
1885	426	352		22	21		5.16	5.94			
886	410	346		21	16		5.12				
887	428			17	12		4.02				
.888	450	342		18	19		4.00	5.55			
.889	486			17	16		8.89				
.890	418			18			4.80				
891	458	805		21	15		4.58				
892	483			24	14		4.96	4.11			
893	521	840		28			5.87	3.28			
1894	511	355	866	30	21	51	5.87	5.91	5.8		

Statistical Tables,

TABLE No. 9.

Recovered of those admitted at several ages from beginning.

	Number Admitted.			Number Recovered.			PER CENT RECOVERED.			
AGE WHEN ATTACKED.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
Less than 15 years Between 15 and 20 years	76 300	51 231		10 104	13 92		13.15 34.66			
Between 20 and 30 years Between 30 and 40 years	1,041	883	1,924 1,558	825	309	681	81.21 30.20	34.65	32.79	
Between 40 and 50 years Between 50 and 60 years	610 371	460 272	1,070 648	172 113	118 53	290 163	28.19 30.04	25.65 19.48	27.10 25.81	
Over 60 years Unknown Not insane	291 208 5	158 104 3	312	71	85 7	106 18	24.89 5.28	22.15 6.78		
Total				1,051	816	1,867	80.99	28.05	28.19	

State Hospital,

TABLE No. 10.

Recovered after various durations of disease before treatment, from the beginning.

DURATION OF DISEASE	Number Admitted.			Number Recovered.			PER CETT. RECOVERED.			
BEFORE ADMISSION	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
Less than 8 months		825	1,991	470			40.80			
Between 8 and 6 mos	410 420						40.00			
Between 6 and 12 mos. Between 1 and 2 yrs	857	365 266	785 623	132 88	127 65		81.42 24.64			
Between 2 and 3 yrs	244	174	418	43	26		17.62			
Between 8 and 5 yrs	272	226	498	48	87		15.80			
Between 5 and 10 yrs.	234	256		48 25	28		10.68			
Between 10 and 20 yrs.	186	156		7	9	16			5.47	
Batween 20 and 30 yrs.	87	36	78	l	1	1				
Over 80 years	8	10	18							
Unknown	424	237	661	79	43	122	18.63	18.14	18.45	
Not insane	5	3	8		•••	••••				
Total	8,718	2,909	6,622	1,051	816	1,867	28.27	28.05	28.19	

Statistical Tables,

TABLE No. 11.

Duration of treatment of those recovered, from the beginning.

	Number Recovered.					
DURATION OF TREATMENT.			Total.			
Less than 3 months			524 578 469 219 48 23 6			
Total	1,051	816	1,867			

TABLE No. 12.

Whole duration of disease of those recovered, from beginning.

	Number Recovered.					
DUBATION OF DISEASE.	Male.	Female.	Total.			
Less than 3 months. Between 3 and 6 months Between 6 and 12 months Between 1 and 2 years. Between 2 and 3 years. Between 3 and 5 years. Between 5 and 10 years. Between 10 and 20 years Between 20 and 30 years Unknown	109 197 314 200 60 56 33 6	39 149 254 180 52 51 38 7 3	148 346 568 380 112 107 71 13 4			
Total	1,005	768	1,867			

State Hospital,

TABLE No. 18.

Number of deaths for the biennial period, and from beginning, and the causes.

	!	1893			1894	•	11	CINN	
Causes.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Femere.	Total.
Bony tumor of brain								1	. 1
Cerebro spina! meningitis	• • •							2	3
Cerebral hemorrhage	4	1	5	3	1	4	80	17	47
Chlorosis								5	5
Chronic diarrhoga							2	1	3
Cystitis		[. .				8		3
Cyanche maligna							1	. .	1
Cancer							2	4	6
Chronic pluerisy				l i	l		1	1	2
Dysentery			l l		1	1	5	8	13
Dropsy			l		اا		2		2
Embolism		1	1				1	2	3
Exhaustion from chronic mania	1	1	2	8	2	10	58	74	127
Exhaustion from acute mania.			4	5	4	9	67	39	106
Exhaustion from melancholia.	, ž		3		ī	1	17	20	37
Exhaustion, senile					-1	-1	18	11	29
Epilepsy		_	2	R		3	40	28	68
Erysipelas		~	~	ا		٩	1 20	8	3
Fracture of skull					••••	••••	1	o i	1
						• • • • •	1		_
Gastritis	•••					• • • • •		1	1
			'			• • • •	2	4	6
Gangrene of lung	••••	• • • •	••••		• • • • •		• • • •	1	1
General paresis	1	• • • •	1	2	••••	2	59	7	66
Hepatitis, acute		• • • •	• • • •	,	••••	• • • •	1:	1	2
Inanition		• • • •			2	2	3	8	11
Intemperance			ا ا			• • • •	1;		1
Locomotor ataxia			• : [· · · · i	1		_ 1
Marasmus	5	1		1	1	2	47	84	81
Meningitis, acute Nephritis. acute	1		1	1		1	2	2	4
Nephritis. acute			i			[5	1	6
Organic disease of brain]				26	12	38
Osteosarcoma of scapula			!				1.		. 1
Phithisis pulmonalis	2	1	3				33	57	90
Fuerperal mania	اممنما		1					1	1
Puerperal hemorrhage							2,		2
Phlegmonous ervsinelas		1]		3		3
Pneunomonia	4		4	2	2	4	20	11	81
Pneunomonia. Peritonitis					11	1	6	2	8
Pluritic abcess					1		2]	ž
Stomach, perforating ulcer of							ī		ĩ
Stomach, cancer of							1	i	i
Suicide		`•••		••••			9	7	16
Septicaemia		••••		· · · i		i	5	2	7
Typhoid fever		••••		1	••••	- 1	4	õ	10
Valvular desease of heart	1	i	2:				21	12	33
Sumphedonome		1	2	Z	اھ	*	61	12	
Symphadeuoma	••••	••••	••••	•••	••••	••••	;	1	1
Strangulated hernia	••••	••••	••••	••••	••••	···	4	••••	1
Accident	••••	••••			••••	••••	2	ا:	3
Rheumatism	••••	••••	••••	••••		••••	• • • •	1	1
m			!						
Total	28	11	39,	80	21	51'	800	333	888

Statistical Tables,

TABLE No. 14.

Attributed cause of insanity in 4,454 cases, 1876–1894, inclusive.

•		1893.		:	1894.		In 4,	454 C.	ases.
ATTRIBUTED CAUSE OF INSANITY.	Male.	Female.	Total.	Male.	Female	Total.	Male.	Female.	Total.
Bright's disease							1		1
Child-birth		1	5 1	•	4 3	4 3		183, 42	133 42
ChoreaCerebral hemorrhage				1	••••	2	1°	2 6	3 18
Cerebral softening									10
Cerebral conjestion	. 								1
Cerebral anaemia	- •						,	1	1
Diphtheria			2		1	5	18	1· 23·	1 41
Domestic troubles	$\tilde{\tilde{z}}$	7	$\tilde{9}$	1		8		72	163
Disappointment	4		4		4	4	14	9	23
Epilepsy	13		18	13	5	18			201
Fever			1	•••	• • • •	••••	1	2	9
Fever, typhoid Fright	i	1	1	, · • • •	····i	1	, 3, 8	3 18	26 26
Grief		7	8	2	6		-		69
Heredity	7	1	8					378	768
Heredity with child birth			1					11	11
Heredity with miscarriage	• • • •		••••			• • • • ;	ایر	2	. 2
Heredity with injury to head	• • • •	• • • •	••••	••	••••	••••	. 9	1	10
Heredity with typhoid fever Heredity with change of life	•	• • • •	••••		• • • •	••••	1	3	1 8
Heredity with change of me	• • • • •	• • • •			•••	•••		9	
trouble		2	4	· • • • • • • • • • • • • • • • • • • •			4	4:	8
Heredity with old age	1		1				1	1	2
Heredity with poverty	1		1				2	11	. 8
Heredity with uterine dis-									
ease	• • • •		•••	••••	• • •	•••		2	2
ance	8		3				19	3.	22
Beredity with epilepsy	2		2				4	3	7
Heredity with grief	1		1]		· • • ·	1	2	8
Heart. disease of					• • • •	• • • •	1	!	1
Intemperance	24 7		24			20	200	11	21)
Injury of head	'ا	1	8	8' 1!	2	8	91 14	16 6	107 20
Infantile cerebral disease	2		$\hat{\mathbf{z}}^{\scriptscriptstyle }$				2	2	4
La grippe	3	1	4		2	7	26	13	88
Locomotor ataxia]				2	!	2
Malaria	ارب				!		1	1,	2
Masturbation	19		19	5	1	6	129	6	185
		1	1	. 1	- 1		1	18	18

State Hospital,

TABLE No. 14.

Attributed cause of insanity in 4,454 cases, 1876-1894, inclusive.

		1898.		:	1894.		In 4,4	154 Ca	SES.
ATTRIBUTED CAUSE OF INSANITY.	Male	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Old age Overwork Opium habit. Pregnancy Pneumonia Privation Protracted lactation Prostration, nervous Religious excitement. Rheumatism Sexual exces Seduction Struck by lightning Sunstroke Syphilis Tuberculosis Uterine diseases Unknown Worry and anxiety Not insane Love affair Cocaine habit	1 3 1 2 8	2 8 8 1 1 2 3 3 62	10 1 1 3 3 5 	\$ 2 1 5 1 2 2 1 9 2 2 1	5 5 5 1 8 7 66 4 4 1	13 7 5 2 5 1 10 1 9 3 7 152 9 2 1	59 26 8 	25 38 5 6 1 8 5 46 1 20 763 18 3	84 64 18 6 2 8 1 65 8 90 4 6 5 3 74 15 5 20 1,856 46 8 4 1
Total	205	111	316	187	144	331	2,586	1,868	4,454

Statistical Tables.

TABLE No. 15.

Form of insanity for the biennial period, and in 4,454 cases, 1876–1894, inclusive.

		1893.		1	894.		In 4,	454 C	ASES.
FORM OF INSANITY.	Male.	Female.	Total.	Male.	Female	Total.	Male.	Female.	Total.
Adolescent insanity. Dementia, acute Dementia, chronic. Dementis, senile Dipesomania. General paresis Hysteria Idiocy Mania, acute. Mania, sub acute. Mania, chronic Mania, puerperal Mania, recurrent Melancholia, acute. Melancholia, chronic Melancholia, chronic Melancholia, chronic Melancholia, chronic Melancholia, recurrent Mysophobia	10 125 46 45 16 181 9	1 1 3 3 2 2 14 12 22 22 3 1 7 7 14 16 13	2 5 13 1 2 3 3 39 58 67 19 1 1 8 45 25	8 8 10 2 3 28 28 14 	24 20 3 2 6 18	47 48 17 2 11 46 25	4 187 58 54 16 706 218 474 148 483 83 116 14	68 81 66 8 41 100 423 138 558 51 69 42 374 81 139 141	164 255 28 1
Stuporous insanity	2		2	i i	···i		2 5		3 8
Total	205	111	316	187	144	881	2,586	1,869	4,454

State Hospital

Statistics of the Hospital from July 14, 1860, to September 30, 1894 (Hospital year ending September 30, each year.) **TABLE** No. 16.

LatoT	9713 8453 8453 8710 1051 816 1051 816 1051 816 1051 816 1159 1159 1158
1894.	187 1144 1144 1144 1156 1156 1118 1118 1118 1118 1118 1118
1893	205 316 316 326 326 327 118 118 118 535 535
1886	1163 8829 8829 8829 713 8829 8829 72 73 73 74 75 75 75 75 75 75 75 75 75 75 75 75 75
.1681	8428885123652888 3 · 118
1800	1151 1153 1153 1153 1153 1153 1153 1153
6881	11111111111111111111111111111111111111
1888	2000 2000 2000 2000 2000 2000 2000 200
.7881	469 0003 0003 000 000 000 000 000 000 000
1886.	142 1142 115 115 116 116 116 116 116 116 116 116
1882	20 20 20 20 20 20 20 20 20 20 20 20 20 2
184.	21 2
1883	82-162386431238842 6-114
1865	1 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1881	200 200 200 200 200 200 200 200 200 200
1880	20.03.7 20.03.7 20.03.4 20.
.6781	201123 20123
1878.	99 24123 2000 20
2281	1154 881 1154
1876.	25 25 25 25 25 25 25 25 25 25 25 25 25 2
9281	88.85.95.05.98.13.88.18.18.18.18.18.18.18.18.18.18.18.18.
1874	2020 T 20 C - C - 2 2 7 7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7
1878.	111
1018	55-11-12-12-12-12-12-12-12-12-12-12-12-12-
1291	7-43
0:81	
.6381	100 80 8 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1
1868.	
1867.	
1866	
1865	
1864	
1863.	
1862	2000 2000 2000 2000 2000 2000 2000 200
	25 20 20 20 20 20 20 20 20 20 20 20 20 20
1981	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
HOLE NIMBER.	admitted No. admitted No. admitted No. treated discharged No. discharged No. discharged No. discharged No. recovered No. recovered No. recovered No. improved No. improved No. uni'pr'ved No. imaining No. imaining No. imaining
3	Males of Femal Whole Whole Whole Whole Whole Femal Whole Whole Whole Whole Whole Whole Whole Whole Whole Whole Whole Whole Whole Whole Mhole Mhole Whole Mhole Whole Mhole Mhole Mhole Mhole Whole Whole Whole Whole Mhole Mho

Statistical Tables

TABLE No. 17--1893-1894.

ADMITTED DURING 1898.					CON	CONDITION AT LAST DISCHARGE.	AT LA	st Dis	CHARG	E.				
				Re	Recovered			 Improved		Un	Unimproved	red.	aid) t	adoi
Number of previous attacks.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	.lstoT	Male.	Female	Total.	wonanU ni ton) hiqeon	Per cen admiss for thi
One previous attack Two previous attacks	30 10	23	59	500	ু হৈ হু ১	61:	10	- 6 T	Ç, 61	٥٠ :	::	63 :	01 4 c	18.65 5.38 1.90
Three previous attacks Four previous attacks Five previous attacks	4 to 60	; ²⁰	ଓ ୧୯ ବା	? -		: CV		: ::			: : :		: 010	 88.89.
Totals	49	9	68	66	13	35	=	2	18	C2		S1	31	23.16
1894.														
One previous attack	15.0	23	*# ##	⇔ જ≀ •	َ مِنْ مَ	∞ ≀	ຼາວ ລາ		ුසු ඇ				13	12 12 18 18 18 18
Three previous attacks Four previous attacks Five previous attacks	33	· 63	?≀ ത :	:	-	- x ³			: :				1	33
Totals	&		71	13	15	E		35	, xo				35	21.45

State Hospital

TABLE No. 18 -- 1893-1894.

Discharged During 1893.							Condit	ION AT	Condition at Last Discharge.	DISCHA	BGE.				
				Rec	Recovered.	d.	Im	Improved.	d.	D_n	Unimproved.	ed.	(Not in	Unknown (Not in this hospital	n pital.)
Number of previous attacks.	Male.	Female.	Тота	Male.	Female.	Total.	Male.	Femsle.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
One previous attack Two previous attacks Three previous attacks Four previous attacks Many previous attacks	10 H 10 a 20	. 1123	100000	14.62	о пп :	8-8-1	# :::	1 2	16	e : : :	9	6 : : : :	10	ដ្ឋក : : :	% : 1
Total	13€	8	22	22	4	88	12	9	18	8	9	6	121	121	8
One previous attack Two previous attacks Three previous attacks Four previous attacks Many previous attacks	71 88 17	23 55	ထက္ကက္ကဏ	45-1 B		33105	e : ::	61-1	. : : :	- : : : :	· · · · · · · · · · · · · · · · · · ·	ਜ : : :ਜ : : :	e 1 1 : 4	∞	17 2 17
Totals	8	န	188	123	14	8 8	4	65	-			22	122	6	25

Statistical Tables

TABLE No. 19.

Occupation of patients admitted.

Occupation.	1898.	1894.	Occupation.	1893.	1894.
	<u>-</u>				
A gent		1	Letter carrier	1	
Attendant		1	Manufacturer		
Auctioneer			Merchant		
Baker		1	Machinist		
Blacksmith	1	3	Miller	2	
Breakman	. 	4	Miner		:
Baggageman		1	None	14	1
Cheese maker	. 	1	Nurse	. <i>.</i>	
Carpenter	8	4	Painter		
Clerk		2	Physician	1	1
Clergyman	1		Printer	2	
Contractor		1	Plumber		
Cooper		1	Paper-maker	1	.
Domestic	21	26	Photographer	1	
Dressmaker	2	2	Salesman	5	1
Druggist	1	ĩ	Sailor		
Engineer		ī	Saloon keeper		
Editor	1		School boy	2	
Factory girl		i	School-girl		
Farmer	81	65	School-teacher	2	
Gambler	1		Shoemaker		
Harness maker		-	Stenographer	l i	
Housewife	77	100	Tailor	l i	
Laborer	66	52	Telegraph operator	1 1	
Lumberman		1	Toregraphi operator		
Liveryman			Total	316	88
Lawrer	_		TOWN.	010	JU

State Hospital

Table No. 20.

Heredity transmission in patients.

	1893.	1894.	Total.
Father insane	11	· 10	21
Mother insane	19	11	30
Father and mother insane	2		2
Mother and brother insane.	ĩ	2	3
Mother and sister insane.	4	ĩ	5
Mother and aunt insane.	â	ŝ	ĕ
Mother and grandmother insane	1	•	1
Mother, sister and aunt insane	2	· · · · · i	8
Mother, brother and sister insane	ĩ	. 1	ĭ
Brother insane.	10	8	18
Brother and sister insane	1	ŭ	1
Sister insane	15	10	25
Grandfather, brother, sister and uncle insane.	2	1	3
Grandfather insane	$\tilde{3}$	3	8
Grandmother insane	3,	3	6
Grandmother and auntineane	1	3	4
Uncle insane	10	7	17
Uncle and cousin insane	1	i	2
Aunt insane	ŝ	10	18
Uncle and aunt insane	77	1	. 18
I'wo uncles insane.	i	•	1
Cousin insane	10	7	17
Cousin and grandfather insane	1	•	1
Chree sisters insane	- 1		1
Grandmother, great grandmother, sister and father	-1	• • • • • •	•
insane	1	2	8
**************************************	1		
Total	119	84	208

Matron's Report

MATRON'S REPORT.

Articles made in the Wisconsin State Hospital for the Insane, Mendota, from Sept. 30, 1892, to Oct. 1, 1894.

Aprons	515	Masquerade articles.	35
Bed spreads			
Blankets	880	Napkins.	
Breadcloths	5	Pillow-slips	607
Caps	6	Pillow-ticks	
Camisoles.	13	Pillows, small cotton,	56
Canvas muffs		Restraint sheet	
Carpets		Rugs	
Chemises			1.000
Coffee bags	74	Shirts, colored	
Curtains			
Cushions	5	Straw ticks	
Dresses	911	Shelf-spreads	76
Dress waists		Skirts	669
Dresses repaired	89		
Drawers, pairs	493		
Feeding bibs	183	Strong dresses	
Hats trimmed	72	Surgical gowns	6
Iron holders	114		
Kitchen jackets	6	Towels of all kinds	4 ,023
Mattress-ticks	30	Underwaists	

State Hospital

STATEMENT OF CURRENT EXPENSE FUND-1893.

1892. Oct. 1 1893.	Balance		\$44 ,098 01
Jan. 1	From counties		42,488 52
April 15	Appropriation, chap. 152, laws of 1893.		
Sept. 30	Steward for board and clothing patients	. 	2,129 85
	Steward for sundries		2,787 18
1893.			·
July 19	Transferred for expense of board of control.	\$4.128 46	
Sept. 30	Paid on account of current expense this year	• •	
Sept. 30	Bal. appropriation in state treasury	210,000 00	
Sept. 30	Bal. in hands of treasurer of institution	ı	
	Bal. in hands of steward 138 39	9 8,011 51	
		\$218,503 56	\$218,508 56

STATEMENT OF CURRENT EXPENSE FUND-1894.

			1
1893.	!		
Oct 1	Balance		· \$9 8,011 51
1894.			
Jan. 1			48,751 00
Sept. 30	From steward for board and clothing		
	_ patients		871 85
	From steward for sundries		2,800 77
July 9			
	control		•••••
Sept. 80	Paid on account of current expense	104 101 04	i
g 90	this year	104,101 24	
Sept. au	Bal. appropriation		
	in state treasury \$40,794 28 Bal. in hands of		
	steward 56 28		1
{	\$40.850 51	1	
1	Less over draft on treasurer		_
	of institution \$4,225 58	86.624 98	•
4004		\$144,984 68	\$144,984 68
1894.			200 004 00
Oct. 1	Balance available		\$36,624 93
		·	·

Special Appropriation Funds

STATEMENT OF SPECIAL APPROPRIATION FUNDS.

CLASSIFIED ITEMS.		tions	Cov'r'd back into state treasury.	Balance available Sep, 30, 1894
	A 200 00		4000 00	
Cementing basement			\$628 20	· • • · • • • • • • • • • • • • • • • •
Curbing rear basement, windows and grading New pumping station, including pumps, pipe, hydrants and	300 00		800 00	
valves	l	\$8,00 0 00		\$8,000 00
Iron fire escapes		2,500 00		2,500 00
Total	\$923 20	\$ 10,500 00	\$928 20	\$10,500 00

State Hospital

STATEMENT OF At the Wisconsin State Hospital for the Insane

CLASSIFIED ITEMS.	Inventory Sept. 30, 1892.	Purchased during the year.		Total.
Amusements and insruction	\$2,155 30 14,678 90 1,198 30 	1,469 13 6,283 73 122 50		\$2,521 02 16,148 03 7,482 03 122 50
Engines and boilers Elopers Freight and express (not classified)		70 82		19,110 26 70 82 36 44
Fire apparatusFuelFurnitureGas and other lights	1,030 02 292 80 16,045 31 2,270 59	24,475 87 435 85	\$517 57 913 75	1,030 02 25,286 24 17,394 91 4,096 60
Hides and pelts	28,973 07 2,945 59 3,787 16	444 07 113 17		1,088 01 34,459 48 3,389 66 3,900 23 1,151 55
Machinery and tools Miscellaneous Officers' expenses Printing, postage, sta-		59 97 276 88 225 33		4.785 69 766 26 225 38
tionery and telegraph. Real estate, including buildings, etc Repairs and renewals	397 79 559,065 54 3,110 11	781 66 3,571 67 17 00	313 10	1,129 45 559,065 54 6,994 88
Restraints			1.027 83	60 56 1.027 83
Surgical instruments and appliances Tobacco Wages and salaries Corrections 1893 inven-				1,029 36 566 32 34,964 99
tory				
Totals	\$666,016 47	160 08		
		\$116,363 59		\$696,157 41
Net expenses Add amount assigned to t		l	l	\$97,628 95

Current Expenses

CURRENT EXPENSES.

for the fiscal year ending September 30, 1893.

965 09 18,413 35 965 09 11,790 90 17,151 81 2,093 80 2,951 67 3,861 53 838 45 4,728 80 599 73 448 09 559,065 54 3,573 81 159 25	10 65 179 98 1,088 01 11 25	180 08 313 10	160 08 659 18 18,413 35 18,815 55 17,151 81 2,272 78 1,083 01 31,282 05 2,951 67 3,861 55	\$8,582 93 160 08	6,200 19 122 50 979 91 696 91 70 82 86 44 64 93 13,484 69 248 10 1,828 82 3,227 43 487 99 38 80
965 09 11,790 90 17,151 81 2,093 80 31,220 80 2,951 67 3,861 53 838 45 4,728 80 599 73 448 09 559,065 54 3,573 81 159 25	10 65 179 98 1,088 01 11 25	313 10	965 09 11,801 55 17,151 81 2,272 87 1,083 01 31,282 05 2,951 67 3,861 55		70 82 96 44 64 93 13,484 69 248 10 1,828 82 3,227 43 487 99 38 80
31,220 80 2,951 67 3,961 53 838 45 4,728 80 599 73 448 09 559,065 54 3,573 81 159 25	11 25	813 10	1,089 01 31,282 05 2,951 67 3,861 58		8,227 48 437 99 38 80
599 73 448 09 559,065 54 3,573 81 159 25 3,057 86			4,728 80		56 88
8,057 86			448 09 559,065 54		225 33 681 36
	1,027 83 25	1,088 01	1,027 83 4,146 12		39,754 55
59 04	269 89	1,027 83 50 85 \$19,854 40	59 04 1,297 72 50 85	50 85	
State for salaries		\$19,094 40	· · · · · · · · · · · · · · · · · · ·		\$106,417 81 8,793 86 \$97,623 95 4,128 46

State Hospital

STATEMENT OF
At the Wisconsin State Hospital for the Insane

CLASSIFIED ITEMS.	Inventory September 30, 1893.	Purchased during the year.		Total.
Amuseme ts and Instruc- tion	\$1,955 05 16,818 28 1,272 09	1,604 83 7,029 54 409 69		\$2,453 97 18,428 06 8,301 68 409 69 4 32
Discount Drug and medical dep't. Engines and boilers Elopers. Freight and express (not	•			226 43
classified)	965 09 11,790 90 17,151 81 2,092 80	10,520 71 239 18 2,503 88		17,890 99 4,596 68
Hides and pelts House furnishing Laundry Library Lumber	31,220 80 2,951 67 8,861 58	155 75		911 80 36,070 03 3,555 46 4,017 28 888 45
Machinery and tools Miscellaneous Officers' expenses Printing, po-tage, sta tionery and telegraph.	• • • • • • • • • • • • • • • • • • • •	302 42		302 42
Real estate, including buildings, etc	550 OR5 54		'	580 NR5 KA
Subsistence	3.057 86	32,705 50	6,808 03	42,571 89
Surgical instruments and appliances				427 01 85,897 51
Totals Discounts	\$003 010 08	191 45 \$104,181 24	\$9,120 74	691,703 49
Net expenses				\$104,805 77

Add amount assigned to this institution and set apart by the Secretary of

Current Expenses

CURRENT EXPENSES

for the fiscal year ending September 30, 1894.

Inventory September 30, 1894.	Cash received on this account during the year.	Transferred from this account during the year.	Total. Gained.		Expended.		
\$2,128 85 15,638 57 1,539 69 823 27 18,426 95	\$6 80 26 70	\$7,548 08 191 45	28,183 40 1,566 39 191 45 823 37	\$4,760 84 187 18	6.785 24 409 69 1,099 18		
779 99 9,343 08 17,177 63 2,119 17 31,838 98 2,939 07 3,916 61 704 45 4,749 49 598 98	3 22 452 55 811 30 5 20 7 25		17,177 63 2,571 72 811 80 31,844 18 2,966 32 3,916 61 838 45 4,749 49		19,700 31 213 36 2,024 96 4,225 85 589 14 100 67 16 65 390 06		
559,065 54 3 521 29 143 25	1 97	76 43	559,065 54 8,599 69 148 25 76 48		25 00		
1,040 98 19 28	277 18		1,040 98 19 28 782 81		10 34 407 73 35,115 20		
State for sale	aries and exp	enses of the I	Board of Con		4,947 47 \$104,305 77 4,128 46 \$108,484 28		

. State Hospital

STATEMENT OF MONEY RECEIVED AT INSTITUTION.

CLASSIFICATION.	1893.	1894.	
Barn, farm and garden		\$6 80	
Board and clothing patients	2,129 85 9 75	871 3 5 26 70	
Clothing	9 10	26 70 10 90	
Fuel	10 65	3 22	
Gas and other lights	179 98	452 55	
Hides and pelts	1,088 01	811 30	
House furnishing	11 25	5 20	
Laundry		7 25	
Miscellaneous		109 75	
Repairs and renewals	1 00	1 97	
Scraps	60 56	76 43	
Special attendants	1,027 83	519 00	
Subsistence	25	2 42	
Wages and salaries	269 89	277 18	
Total	\$4,917 03	\$3,172 12	

Moneys Received.

CASH TAKEN FROM PATIENTS FOR SAFE KEEPING.

On hand October 1, 1892	\$1,428 24 1,205 92
Total Returned to patients or their represent tives	
Balance in hand of steward October 1, 1894	\$ 1,361 06

CASH DEPOSITED TO BE EXPENDED FOR BENEFIT OF PATIENTS.

On hand October 1, 1892. Received during the two years	\$446 24 2,869 36
Total	\$2,815 60 2,137 11
Balance in hand of steward October 1, 1894	\$678 49

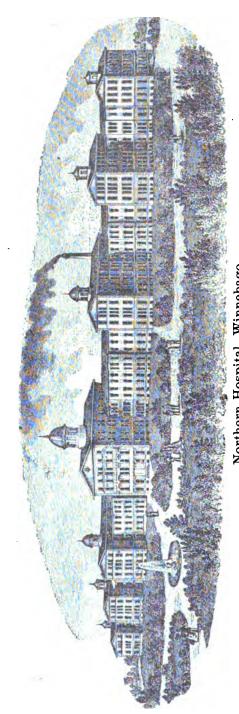
During the biennial period the relatives and friends of patients contributed, for their use and pleasure, clothing and other property to the value of \$6,694.66.

State Hospital

FARM AND GARDEN PRODUCTS.

Articles.	FOR YEAR END TEMBER 20,	ing Sei 1893.	P-	FOR YEAR ENI TEMBER 80,			
	Quantity.	Amoun	t.	Quantity.	Amou	nt.	
Apples				187 bu.	\$187		
Apples Asparagus	1,245 lbs.	849	Q/			80	
Beef cattle		65				235	
Reets	678 bu.	169				50	
Beans	104 bu.					00	
Cabbage	3,200 hds.	96			-		
Carrots	560 bu.	280	7 -				
Cauliflower			-	25 bu.		50	
Cucumbers	47 bu.	23				75	
Corn, green,	2021			102 bu		50	
Corn	3,000 bu.	1,200		2,200 bu.	880		
Cornstalks	80 tons	280					
Calves	62 hd.	870	1		282		
Celery	100 doz.	25	00	50 doz.		50	
Grapes	4,210 lbs.	252			253		
Hay	230 tons	1,380					
Horse radish	15 bu.	15				00	
Lettuce		64		71 bu.		50	
Milk	247,603 lbs	3,714		259,875 lbs.			
Mangles	1,750 bu.	350		1,824 bu.			
Onions	440 bu	220	00	340 bu.		:	
Oats	3,000 bu.	900	00	2,976 bu.	892	80	
Pork, dressed	(44 h) 18,766 lbs.	1.804	58	(34 h) 15,505 lbs.	1,002	37	
Pie plant	8,475 lbs.	69		2,690 lbs		80	
Parsley	8 bu.	1	50				
Peas	108 bu.	103	00	64 bu.	64	00	
Potatoes	1,830 bu.	915	00	1, 9 00 bu.	950	00	
Parsnips	180 bu.	90		175 bu.	87	50	
Pumpkins	20 loads	20					
Peppers	30 doz.	3					
Radishes	95∦ bu	95		97 bu.		00	
Rutabagas	450 bu.	112		275 bu.	68	75	
Spinach	57 bu.	57	1	60 bu.		00	
Straw	70 tons			80 tons			
Strawberries	6,410 qts			751 qts.	60	08	
Squash	8,000 lbs.	45			18	50	
Sages	10 lbs.		50		· • • • • <u>·</u> •	• : :	
Tomatoes	280 bu.	140		151 bu.		50	
Turnips	140 bu.	42				60	
Wood	115 cords	517	οU	140 cords	735	00	
Total		\$ 18,952	89		\$12,831	38	

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Northern Hospital, Winnebago.

SIXTH BIENNIAL REPORT

OF THE

Northern Hospital for the Insane

FOR THE

Two Fiscal Years Ending September 30, 1894.

OFFICERS.

D. G. HATHAWAY, M. D.	٠	•		. Superintendent
W. A. O'DONNELL. M. D.				First Asst. Physician
E. C. JACOBS, M. D.	•	•		SECOND ASST. PHYSICIAN
FRANK E. GROVE				STEWARD
A. F. DUKERSCHEIN, .		•		. Assistant Steward
MISS ROSE DOWLING.			•	Matron
M. C. CLARKE.				Treasurer

SUPERINTENDENT'S REPORT.

To the State Board of Control:

Gentlemen: In compliance with the law, I present to you the sixth biennial report of the Northern Hospital for the Insane, for the two years ending September 30, 1894.

The following table shows the movement of population for the period.

		1893.	1	18 94.			
•	Male.	Fem.	Total.	Male.	Fem.	Total.	
Remaining Sept. 30, 1892, and 1893.				380	263		
Admitted during the year Elopers returned	228	142	870	248 1	147	395 1	
Whole number treated	608		1,008	629	410		
Discharged recovered	52		79	54	38		
Discharged improved	37	39		89	41	80	
Discharged unimproved	94	46		180	76		
Died	39	29	68	40	28	68	
Not insane	1	1	2	1		1	
Whole number discharged	223	142	865	264	178	442	
Remaining Sept. 30, 1893	880	268	643			 .	
Remaining Sept. 30, 1894	l			365	282	597	
Daily average under treatment	375	255	630	378	246		

There has been a steady increase in the number of admissions during the past two years. There were 370 admissions for the year ending September 30, 1893; and 395 for the year ending September 30, 1894, a total of 765, the largest number since the organization of this institution. This fact becomes still more significant when we remember that two counties—Eau Claire and Clark—were transferred from this to the Mendota hospital district three years ago.

The total number of the discharges during the biennium

Northern Hospital

was 807—487 males and 320 females. Of these 165 were discharged recovered, or 21.56 per cent. of the admissions; and 138 died, being 6.74 and 6.54 per cent. of the total number under treatment for the years ending Septembr 30, 1893 and September 30, 1894, respectively. There remained in the hospital on September 30, 1894, 597 patients—365 males and 232 females.

PROVISION FOR EPILEPTICS.

During the past two years we have been compelled to receive about the usual number of this undesirable class. If the spectacle of an epileptic during the seizure is distressing to persons of strong nerves and normal mind, what must be its effect upon persons with weak nerves and diseased minds? It must certainly be harmful. Experience teaches that the epileptic can be more benefited by judicious treatment in surroundings that are rather the opposite of those found in institutions of this character. I would therefore again urge that separate provision be made for this class.

The usual religious services have been held each Sunday afternoon. Weekly dances and stereopticon exhibitions were held regularly.

Among the more important improvements a new roof for the entire north wing may be mentioned. The appropriation for sewer repairs was not regarded as sufficient to carry out the work necessary, and therefore was not touched.

Owing to the large amount of painting and repairing done on our wards during the past two years, they present a much more cheerful and inviting appearance. A number of new rocking and easy chairs have also done much to give them an air of comfort. An appropriation of about five hundred dollars would be sufficient to furnish them with the number of chairs necessary to take the place of the clumsy and uncomfortable stationary settees now in use on some of the wards.

A training school for nurses was organized last fall, and

Superintendent's Report

is now in a flourishing condition. Lectures on anatomy, physiology, hygiene of the sick-room, gynecology, obstetrics, surgery, fever nursing and the care of the insane, have been delivered. These lectures were supplemented by practical work in the wards, at which the principles taught in the lectures were demonstrated as fully as possible.

As an evidence of the benefits derived from such a course of training I would notice chiefly the improved character of the work done by the members of the class. I sincerely hope that you will give it the fostering care it deserves.

RECOMMENDATIONS.

Rarely have we felt the need of a cottage for patients suffering from contageous diseases, as much as we have during the past few months. At one time, with small-pox only a few miles distant from the hospital it seemed as if it would be impossible to avoid having it brought here. However, good fortune has favored us, for thus far we have escaped this calamity. Vaccination has been freely resorted to; and a room, sufficiently large for the accommodation of two or three cases, has been arranged in the second story of our fire department building. This of course, would prove insufficient in the event of an epedemic here. I would therefore again urge the necessity for a separate cottage for such cases of contagious disease as may arise.

Cases of typhoid fever have appeared at this hospital from time to time, for the past five years; or ever since the lake water used for bathing and other cleansing purposes, has been drawn from a point directly opposite the mouth of the sewer. An extension of the intake pipe was made two and one-half years ago; but it has proven insufficient. In my opinion it would be wise to change the direction of, and to extend the, intake pipe to a point opposite the ice house.

Our system of water closets and bathrooms is hardly what would be regarded as perfectly safe. Their location makes it

necessary to have sewers within the building, which is not at all desirable. All of this could be best remedied by building small wings for bath room and water closet purposes.

I would recommend that a separate infirmary building be erected, to meet the present needs of this institution.

Owing to the ever-increasing demands made upon this hospital it appears to me that a somewhat radical change in the administration of affairs is indicated. Without desiring to enter into a discussion of past and present methods employed here, I feel constrained to say that as at present constituted the medical staff is not equal to the demands made upon it. It must be remembered that the demands made upon the medical staff of to-day, are much greater than they were ten or fifteen years ago. Medical men now recognize more fully than ever before, the important part played by physical disease in the causation of insanity, and therefore more attention is being paid to these conditions. Individualization has therefore superseded generalization and routine; and individual treatment means an increase in the amount of work to be performed by the medical staff.

The medical force should consist of a chief physician, two assistants and two recent graduates as internes, all under the direction of the superintendent.

Some may believe this would make the staff rather too large. but if this institution is to be a hospital for the acute it will insane. be found to be none too large. An official staff, organized in this manner could do efficient work, and, with liberal appropriations, would soon place this institution in the front rank of those of its kind in this country.

Another branch of the service that ought to be made more efficient is the night service. This can be done by employing at least one night nurse for each floor of each wing; this service to be in charge of a head night nurse for each wing.

Dr M. F. Clausius, first assistant physician, who has

Superintendent's Report

served this institution faithfully for the past two years, resigned his position on this day, to go into private practice,

My thanks are due to the officers and employes, who have given their cordial and loyal support and efficient service.

On behalf of the patients, I desire to extend thanks to the publishers of newspapers who have kindly contributed free copies of their respective papers.

Our training school is indebted to Drs. C. W. Oviatt and B. C. Gudden, both of Oshkosh, for lectures on gynecology, obstetrics and surgery; and for their general interest in this work.

For the advice and assistance given me by you I am sincerely grateful.

Very respectfully,

WM. F. WEGGE.

Winnebago, Sept. 30, 1894.

Superintendent.

TABLE No. 1.

Movement of Population from May 11, 1873, to October 1, 1894.

	Male.	Fe male.	Total.	Male.	Fe- male.	Total.
Total number admitted Elopers returned Total	3,879 3	2,685	6,064	1	0 605	
Discharged not insane	18			1		
Discharged recovered Discharged improved		775	1,687			
Discharged unimproved					l i	
Died	562		1,038			
Total number discharged Total number in hospital Sep-				3,017	2,405	5,470
tember 30, 1894				36 5	282	597

TABLE No. 2.

Movement of population for two years ending Sept. 30, 1894.

		1898.		1894.			
	Male.	Fe- male.	l'otal.	Male.	Fe male.	Total.	
Remaining Sept. 30,	375 228	268 142	638 370	380 248	263 147		
Whole number treated Discharged recovered	603		1,008 79	629 54		1, 03 9	
Discharged improved Discharged unimproved	37 94	39 46	76		41	80 206	
Died	39 1	29 1	68 2	40 1	28	68 1	
Whole number discharged	228 380	142 263		264	178	442	
Remaining Sept. 30, 1894 Daily average under treatment.	375	255	630	865 878	232 246	597 624	

TABLE No. 3.

Age of those admitted during the two years.

		18 9 3.		1894.				
	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.		
Ten to fifteen years		1	1	1		. 8		
Fifteen to twenty years		11	26	7	4	11		
Twenty to twenty-five years	18	16	84	30 27	16			
Twenty five to thirty years		13	45	27	22			
Thirty to thirty five years		19		48	22			
Thirty five to forty years		19		81	25			
Forty to fifty years	46	80		47	29			
Fifty to sixty years	31	11		41	17			
Sixty to seventy years	12	12		9	6			
Seventy to eighty years	12	5 8	17	8	1 4±	8		
Over eighty years	3	2		7		7		
Total	228	142	870	249	147	396		

TABLE No. 4.

Civil condition of those admitted.

		1893.		l 1894.			
·	Male.	Fe- male.	Total.	Male.	Fe- male	Total.	
Married	99 105		178 154	98 128 8	85 49 2	177	
Widowed	17		84 8	14 6			
Total	228	142	370	249	147	396	

TABLE No. 5.

The degree of education of those admitted.

		1893.		1894.			
	Male.	Fe- male	Total.	Male.	Fe- male.	Total.	
CollegiateGood	4	4 12	 8 31	 1 11	2 8	 8 19	
CommonLimited	116 30	111 5	227 35	172	118	290	
NoneUnknown	15 44			11 54		29 62	
Total	228	142	370	249	147	396	

Table No. 6. Purentage of those admitted.

		1893.		!	1894.	
	Male.	Fe male.	Total.	Male.	Fe- male.	Total.
African	1				1	1
American.	27	27	54	30	21	51
American English	1		1	3	2	5
Austrian				. 1	2	3
Belgium	2	4	6	1	1	. 2
Bohemian	7	5	12	8	7	10
Canadian	. .	2	2	, 2	1	
Canadian-French	1	1	2	2		2
Canadian Scotch				2		2
Canadian Irish	1	1	2			
Danish	2	8	5		2	8
Dutch	5	2	7			4
English	3	8	6	8	. 6	14
English German	1	1	2			
English Irish	1		1			
English-Dutch-French Scotch	'				1	1
English Scotch	1		1	. .		
Finland	2		2	2	1	
French	4	2	6	5	9	7
French German.	2	1	3		1	1
French-Half-breed	. .			1		1
French-Irish	1	1	2	: . • • • • • •		
French Norwegian		1	1	l		
French Swiss	'				1	1
German	78	50	128	78	49	127
German Belgium	;		• • • • •	!	1	1
German-Dutch				. 1	• • • • • '	1
Indian	1		1	, . '	,	
Irish	84	17	51	3 0,	15	45
Irish American	1!	}	1	2	· • • • • •	2
Irish Dutch	. 			1		1
Irish-Scotch.	1		1	1,	· • • • • •	1
Italian	2		2	1		_1
Norwegian	14;	5	19	16.	9	25
Polisb	2	2	4	5:	2	7
Polish Russian	1,	!	1	•• • •		
Portuguese	11	••••	1	 .	· • • • • • · ·	
Russian	2	1	3		1	1
Scotch	2	ايا	2	6	1	7
Scotch American		2;	2	1		::
Swede	10	5	15	13	6	19
Swiss	1	· • • • • •	1		1	1
Welsh	8	1	4	1	3	4
Welsh English		• • • • • • •	اادو …	· · · · <u>· · ·</u>	1;	1
Unknown	18	5	18	25	8	33
Total	228	142	870	249	147	396

Table No. 7.

Nativity of those admitted.

		1893			1894.	
	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.
ustria	1		1	8	3	
ustralian	. 			2	.] 2
elgium	. 	3	3		. 	1
ohemian	5	3	8	3	6	! 9
anada	6	4	10	18	4	22
onnecticut	1	. 	1		. .	
enmark	2	2	4	5	1	6
ngland	2	1	::	6	4	10
inland	3,		3.	2	1	8
rance					1	li
ermany	47	32	79	46	30	76
olland	3	2	5	3	ĵ	1 4
linois		2	2	i	3	1 4
OW8				2		1 2
eland	14	8	22	8	5	
alv	1		1	ĭ		1 7
ndiana	2		2	i	i	
ouisina	ĩ	••••	1,	•	_	1 '
aine	-	• • • • •	*	3		
aryland		1	1	i	• • • • •	
assachusetts	2	1		1 4	1	
chigan	ĩ	2		4	2	
	-	2	이	2	1	
nnesota				1 ~	,	
seouri	;	• • • •	• • • • • • •	1	1	1
w Brunswick	1		1	2	· · • · • ·	
w Foundland	:	• • • • •	•••••	1	`····:	
ew Hampshire	1	• • • • •	1	1	1	
ew Jersey	!			1		İ .
ew York	15	11		14	11	
orway	10	8	13	10	} €	
ova Scotia		. .	• • • • •	1		1 :
hio	3	1	4	2		įi ;
nnsylvania	1		1	1	1 2	
land	2	2	4	2	2	3 .
18sia				3		1 :
ssia	3	1	4	1	, 1	
otland	1		1	8		.} :
reeden	11	4	15	12	1 6	1
vitzerland		۱		. 2		
nited States	7	4	. 11	5	1 8	3! :
ermont	l .	۱ ۽	2	2	: . .	
irginia		1		1	1	
ales	1	1	1	1		
isconsin	74	5			1 .	
nknown	7			. 8		
	l			.	l ——	·
Total	228	149	370	249	147	7 39

TABLE No. 8. Occupation of those admitted.

	Male:	Fe- male.	Total.		Male.	Fe- male.	Total.
Attendant		1	1	Fireman	3		8
Baker	1		1	Farmer's daugh			
Blacksmith	2		2	ter		1	1
Bookkeeper	2	. .	2	Fortune teller	2	• • • • •	2
Bookkeeper and	_		.	Grain dealer	2	: .	2
collector	1		1 1	Hardware mer-		i	
Brakeman	28		2	_chant			1
Brass-polisher	1		1	Hatter	1		1
Brewer	1	j	1	Hotel-keeper		ļ <u>. :</u>	1
Butcher	1		1	Housekeeper		40	40
Carpenter	10		10	Housekeep'rand			
Capitalist	1		1	_mid wife	. 	1	
Civil engineer	1		1	Housewife		177	
Cigar-maker	3	1	4	Insurance agent	· 1		1
Chimney sweep.	1		. 1	Laborer	161	i	161
Coal heaver	1		. 1	Laborer and	1	1	1
Cook	1		. 1	miner	1		. 1
Coal and wood		1	1	Laborer and sa-			;
dealer and sa		ŀ	1	loon keeper	1		1
loon keeper	1	l	. 1	Land hunter	1		1
Corn doctor	1	l	. 1	Laundress	l	· 1	. 1
Clerk	5	1	6	Lawyer	1	<i></i> .	1
Confectioner	. 	1 1	1	Lake captain			. 2
Cooper	1		1 1	Livery stable			1
Domestic	. .	28	28		1		1
Draughtsman	1		1	N =		,	1
Drayman	1		1		1	J	. 1
Dressmaker		1 2			2)·	. 2
Dressmaker and		{	1 "	Machinist	1 2	3	2
housekeeper.		1 1	1 1	Machine hand	ì		1
Engineer	8		3		1 -	· • • • • • • •	1
Express messen-	_	1	1	collector			1
ger	1		. 1			i	4
Farmer	129		129		1 1	 -	i
Farmer and bar-		1	1 1	Merchant	1 1	i	i
ber	1	1	1 1	Mechanic	1 1		i
Farmer and car-	•	1	1		1 1	i.	: i
	1	1	1 1		1		i
penter Farmer and	•		'l 1	Milkman	1 6		. 8
	1	1	1 '	Miller	1 1		i
cooper Farmer and log-	•	1	١.				2
	1]	1			9 I:	1 1
ger	,	`····	1 .	Miner and fisher			' 1
Farmer and	! 1	1	1			, l	
school-teacher		1	١.	ufacturer		Li	١ ا
Farmer & miller			. 1	Moulder		8	1 8

TABLE No. 8 — Continued.

Occupation of those admitted.

	Male.	Fe- male.	Total.	,	Male.	Fe- male.	Total.
Night watchm'n	1		1	Real estate deal'r	1		1
None	17	14	31	Tailor	2		2
Nurse		1	1 1	Teacher		5	5
Ore trimmer	1		1 1	Teamster	3		3
Pail-turner	1	 .	1	Tinsmith	1		1
Painter	4		4	Teacher and law-			
Physician	2		2	yer	1		1
Plumber	1	. .	' 1	Tramp	1		1
Pop manuf'ct'r	2	 • • • · • •	2	Veterinary sur-			1
Prostitute		2	2	geon	2		2
Sailor	3		3	Washer-woman.		1	. 1
Sawyer	1		1	Woodsman	5	 .	5
Sail'r and farm'r	1		1	Unknown	20	3	23
Saloon-keeper	5		5	Dyer	1	l	1
Shoemaker	3		3	Traveling man	3		3
Scholar	8	6	9	Waiter	1	1	1
Stage driver	1	· • • • • •	1	Wagon-maker	1	l	1
Stone cutter	2		2			!	
Railroad man	2		2	Total	478	288	766

Statistical Tables.

TABLE No. 9.

Form of insanity in those admitted.

				1		
		30, 189 T. 30, 1			. 80, 18 т. 3 0, 1	
	Male.	Fe- male.	Total.	Male.	Fe- male.	Total.
Mania { Acute	28 20 30 18 12 14 14 19 5	16 24 18 8 11 9 14	36 54 31 15 25 28 33 6	26 15 84 24 14 12 10 8 7	8 33 15 15 7 8 10	28 67 39 29 19 18 18 7
Neurotic insanity Epilepsy Hypochon'sis Chorea Chorea Morphine Alcohol Syphilis	9 1 1 86	6 1 5	15 2 1 41 8	33	$egin{array}{c} 1 \\ 2 \\ \cdots \\ 2 \end{array}$	12 4 85
Acute delusional insanity Secondary delusional insanity Circular insanity	3 9 2	1 7	10 9	17 9 1	7 6	8 24 15
Periodical insanity Katatonia Dementia from coarse brain disease Imbecility Not insane Acute delirium	2 4 4 1 1	1	5 5 4 2 1	3 2 7 4 1	3 1 2 2	6 3 9 6 1
Total	228	142	870	249	147	396

TABLE No.10.

Duration of insunity previous to admission.

	Male.	Female.	Total.		Male.	Female.	Total.
Two days Three days Four days Six days One week Ten days Two weeks Three weeks One month Six weeks Two months Four months Four months Five months Six months Six months Six months Six months Seven months Five months Five months Five months Five months Seven months Fight months Ten months Ten months Ten months Ten months Ten months Ten months Ten months Ten months Ten months Ten months Ten months Ten months	12 5 19 2 4 4 4 89	2 4 12 11 10 1	2 11 7 8 8 3 29 18 42 21 37 20 40 84 19 9 9 9 9 4 6 6 6 1 8 1	Six vears	1 8 8 2	9 6 4 5 4 3 5 1 4 2 3 8	411 199 15 177 111 8 8 4 4 14 2 2 9 9 3 8 6 4 4 8 8 5 5 2 2 2 1 1 158 2 766



TABLE No. 11.

Probable exciting cause of insanity in those admitted.

CAUSE.	Male.	Female.	Total.	CAUSE.	Male.	Female.	Total.
Alcohol	19 11 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1	88 11 11 11 11 11 11 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rheumatism. Scarlet fever. Scrofula Senility Spinal disease Spiritualism Surgical operation. Syphilis. Saturnism Tobacco. Traumatism Trouble Typhoid fever Unknown Uterine disease.	8 29 1 6 8 4 2 2 1 1 2 2 2 1 1 2 2 2 1 4 2 2 2 2 2	1 4 4 1 1 23 5 100 1 1 232 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2	1 7 80 1 1 2 11 1 18 1 1 1 5 1 1 8 1 1 2 2 2 2 60 9 860 1 2 6 6 766

TABLE No. 12.

Hereditary transmission in patients, and the insane relatives of those admitted.

	Male.	Fe- male.	Total.
Mother insane	17	17	34
Father insane.	10	- i	18
Brother insane	10	ě	18
Sister insane	8	7	15
Aunt insane	6	9	15
Uncle insane	9	6	15
Cousin insane	10	4	14
Grandmother insane		2	2
Father and sister insane	1	2	3
Grandfather insane	3	2	5
Two cousins insane	3	1	4
Father and mother insane	1		1
Son insane	1	1	2
Mother and brother insane	5	1	6
Mother and sister insane	2	3	5
Father and two cousins insane.		1	1
Father, aunt and two cousins insane		1	ĩ
Mother and uncle insane	1		ī
Mother and cousin insane		1	ī
Uncle, aunt and brother insane	1	1	2
Grandmother and aunt	1	1	2
Granduncle insane		1	1
Cousin and brother insane		1	ī
Uncle and brother insane	1		ī
Great-grandmother and two 2d cousins	1		1
Mother, two sisters, brother, aunt and two cousins			_
insane	1	<i></i> .	1
Sister and aunt insane	1		ī
Nephew insane	1	1	2
Second cousin insane	1	1	2
Three sisters insane		1	1
Daughter insane	2	1	8
Grandmother, sister, uncle and two children insane,		1	1
Brother and niece insane		1	1
Two aunts and brother insane	1		1
Aunt and cousin insene		1	1
Half brother insane	1		1
Niece and cousin insane		1	1
Relatives insane	3	1	4
Sister and brother insane	. .	8	8
Grandmother, two uncles and father insane		1	1
Grandfather, cousin and 2d cousin insane		1	1
Grand ather, uncle and two brothers insane	 .	1	1
Grandmother and uncle insane	1		1
Aunt, cousin and brother insane	1		1
Whole family insane	1		1
Total	105	98	198

Table No. 13.

Hereditary predisposition in those admitted who threatened or attempted suicide or homicide.

	1 A 44 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	Attempted nomicide.		Attempted suicide.	Threatened suicide	and homicide.	Attempted suicide	and homicide.		Threatened homicide.		Threatened suicide.	Attempted suicide and	threatened homicide.	Attempted homicide	and threatened suicide	
	M	F.	M	F.	М	F.	M	F.	M	F.	M	F.	M	F.	M	F.	Tot
	-	-	i		-	-	-	-	-	-		.—	_	-	<u></u>	-	<u> </u>
Mother			2	1	١	١	2		8	 		˙ 1		1			10
8on		٠.		1	• •		1	••	٠.	١	٠.	٠		• •	• •	١	2
Father	• •	• •	٠:	٠.	••		١		2	١	٠.	• •	• •		۱	•••	2
Daughter	٠.	۱۰۰	1	·:		• •	٠٠	٠٠.	٠.	·:	• •	• •	• •		.:		1
Brother	2	• •	• •	1	i		٠.	. · · ا	2	1	٠.	• •	• •	٠;	1	• •	7
Sister	٠;	• •	٠:	'i	1	• • •	• •	•••	1		١٠.	• •	• • •	1	1	••	5
Mother, two sisters, two cou-	1	• •	z	1	۱۰۰		• •	•••	1	• •	٠.	• •	• • •	• • •	: •	• • •	۱٥
sins, aunt and brother			l	1					1		1 1			١,	,		1
One cousin	٠	٠٠,	• •	:;	• •		٠٠.	•••	• •	ļ	•	• •	•	•••	• •	۱ ۰۰ ۱	li
			٠٠.		• •	١	i	•••	• •	l	١	·i	•••	• •	• •		2
Father and sister			••	١٠.	• •	١١	1	i i	•••	١	i · ·	1 -		٠.	•••		lĩ
Aunt		1	••	l''	•••			-	· .	ľi	Ϊi	•		i	• •		8
Two aunts and brother	•		••		•			!	1	*		١			•		Ĭ
Grandmother		1		I						Ĭ.,		::	i				١ī
Niece and cousin			١	I			l::			ľi							Ī
Mother and sister		١		١	1	١				١		1					8
Uncle	1		2	2	!		l		1	1	• 1	٠.					8
Granduncle		١		2 1	. .		١.	۱ ٔ	٠	١			'				1
Cousin and brother		١		١	١					١	٠.	1	;	'			1
Sister and aunt			٠.			١			1					'			1
Father and two cousins		١		1		١			٠.	١			• •	;			1
Aunt, uncle and brother	٠.	ļ		1	١.	¦							١.,				1
Grandfather, uncle and two		ŀ										1					
brothers	• •		. • •	1	• •		•.•		٠.	• •	٠.	• •	٠٠,	• •	• •	• •	1
Grandfather and two cousins.	• •		• •		٠٠		• •	• •	٠.	1	٠.	<u>ا۔</u> ا	• •		• •	• •	1
Grandmother and sister	٠.	• •	• •	١	••	٠٠	• •	• •	• • :	• •	٠.	1	•••	• •	• •	• •	1
Grandmother and uncle	1		••	٠.	• •	• •	• •	• •	• •	• •	٠:		• •		• •	• •	1
Nephew	• •	·:	٠;	• •	i · ·	• •	• •	• •	٠.	• •	1		• •	• •	• •	••	1
Relatives	• •	1	, 1		١٠.	•	• • •	١٠٠,	• •	• •	• •		• •	• •	٠	••	2
G randmother, father and two			ì	1	1			١.						!	- 1	1	,
uncles	• •	• •		١	<u>.</u> .		• •	_ 'i	• •	•••	• •	$ \cdot $	• •	: · í	$\cdot \cdot \cdot $		1
•	_		_	_	_	-		-	_	-	_	-		1		-	_
Total	R	8	P	11	2	1		1	17	F		7		3	2	1	72

TABLE No. 14.

Form of insanity in those who recovered.

				SEPT				RAND STAL.	
·	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Acute mania	11 3 12 2 3 1 1	6 11 8 1	17 3 28 5 4 1 1	10 8	10 11 1 1 1 1	19 4 21 4 3 1 1	20 7 22 5 5 2	16 22 4 2 1 5	36 7 44 9 7 2 2
Insanity Epilepsy Hypochondriasis Morphine Alcohol Insanity Syphilis Acute delusional insanity Hypochondriasis Hypochond	12	4	16	1	1	17 17 9	28 1 13	 5	38 1 18
Total	52	27	79	54	83	87	108	60	166

TABLE No. 15.

Cause of insanity in those who recover.

	Male.	Fe- male.	Total
Alcohol and morphine	1		
Alcohol, opium and bad habits.	i	1	1
Alcohol and sickness	1	<u>.</u>	
Climacterium		2	1
Death of wife.	1		1
Disease of ear	ī		1
Disappointment		i	l
Domestic trouble	4	2	
Domestic trouble and alcohol		ĩ	
Erysipelas	1	l	ı
Exhaustion		1	.[
Fright		1	
Grief	2	1	ŀ
Hard work, lactation, and ill use by husband		1	1
Ill health	1		1
Injury to head	1		1
Insolation	2	1	
Intemperance	15	. ~	
Jealousy	••••••	1	1
Lagrippe	1	· • • • • <u>•</u>	
Love affair	••••	2	
Masturbation	8	;	
Menstrual trouble	i	4	1
Over study	1		
OverworkPuerperal trouble	1	8	
Religious excitement.	2	l i	1
Sickness.	2	1 1	
Sickness and fright	۵	1	
Surgical operation	• • • • • •	i	ĺ
Syphilis.	·····i	i	
Tobacco, excessive use of	2	•	
Fraumatiam	ã		
Trouble.	ă	··· i	1
Typhoid fever		2	t
Unknown	54		
Uterine disease		2	1 .
Worry	i	ĩ	1
,			
Total	106	60	16

TABLE No. 16.

Those who threatened or attempted homicide, etc.

		т. 30, то т. 30,	'92 '93.	l	т. 30 то т. 30		GRA	NDTC	TAL.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Attempted suicide	10 9 29 85	19 8 5 11	29 17 34 46	23 6 9 51	16 12 6 13	39 18 15 64	33 15 38 86	11	68 35 49 110
cide	9 4 1	4	13 4 1	3 7	4	5 11	12 11 11	6 4	18 15 1
Attempted suicide and threat ened hemicide	4		6	4	5	9	8 2	7	15
Total	103	49	152	103	58	161	206	107	318

TABLE No. 17.

Duration of insanity in those who died.

	1	TO	, '92 , '98,		TO			RAN	
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Between 1 and 2 weeks Between 2 and 3 weeks Between 3 and 4 weeks Between 3 and 4 weeks Between 6 and 12 months Between 6 and 12 months Between 1 and 2 years Between 2 and 3 years Between 3 and 4 years Between 5 and 6 years Between 6 and 7 years Between 6 and 7 years Between 7 and 8 years Between 10 and 12 years Between 12 and 15 years Between 12 and 15 years Between 15 and 20 years Between 15 and 20 years Between 20 and 25 years Between 20 and 25 years Many years Unknown.	1 2 5 6 5 5 5 1 1 1 1 2 2 1 1 5 5 3 9	1 5 5 2 2 2 2 3 3	2 1 6 7 7 8 8 1 3 1 2 1 4 7	4	1 2 2 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 6 14	38 46 18 12 77 71 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 6 6 7 7 8 8 3 3 4 2 1 1 3 1 2 2 1 4 4 7 5 7	1 5 1 10 18 21 15 10 11 1 8 2 2 2 6 8 3 4 4 1 2 2 5 5 20 186

TABLE NO. 18.

Duration of insanity before admission, and time under treatment of those who recovered.

				TIM	E UN	DER	TRE	TME	HT.			
DURATION BEFORE ADMISSION.	Sex.	Three months or less.	Six months or less.	Nine months or less.	One year or lees.	Twenty months or less.	Two years or less.	• Thirty months or less.	Three years or less.	Five years or less.	Nine years or less.	Total.
One week or less	M F M F	1 2 5	8	1 1 2 2	i	1	 	::- ::-		1		1
Six weeks or less	M F M F M	6 1 2 1 6	 2	1	1							1
Six months or less	F M F F	9 8 	1 9 9 8		1							1
Tweive months or less	F M F	2 2 1	 1	i 1		2						
Three years or less	M F F M	1 1 1 1	2	i	:::.	2	1	1				
Twenty years or less	F M F M	16	8	i 4	2	1		1				
Total	M F	51 19	21 19	15 11		8	1 2		1 1	1	1	} 16

TABLE No. 19.

!	1					A	GE A	т Ти	ME O	r Di	HTA						
CAUSE OF DEATH.	Bex.	15 to 20 years.	20 to 25 years.	25 to 30 years.	80 to 25 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 to 70 years.	70 to 75 years.	80 to 85 years.	85 to 90 years.	Unknown.	Total.
Acute de-	M.					1		 			•		•••	. .			1
Acute enter- ; itis	<u>м</u> . F.						<u>;</u> 1		1	• • • •	::.						2
Anzemia }	M. F.				ļ	····		'n	• • • • •	•••	• • • • •	••••					i
Asthenia {	M. F.	i.		··i·			8	1	2 1	1		· · · ·	1				16
Cardiac pare- { sis }	M. F.		::::		ļ.::		1				:::		:::.	::::	::::		e
Cerebral apo- plexy	M. F.		:	:::	i	1			ï	1		· · · ·	· • • • •			::::	8
Cerebral hem'rrh'ge }	M. F.	:.::		!		···i·		··i	'n				::::			::.	1 8
Cyst of Cere- } bellum }	M.		:::.		::::	.:::	1										1
Diabetes {	<u>М</u> . F.			! .			:					1	.:::	-:::			
Diphtheria	M. F.		1 1				:::				:::	· • ·	.::.		.::.		1
Dysentery ;	M. F.						i	· ::.		•••	:::	::::	:::	:		·	;
Enteric fever	M. F.		2	2 		1		::-		:::	.:::	·			.:	.::	
Enteric fever) and m'n'gitis)	M. F.		ļ::::			1	 	ļ	l::::	ļ :::				:::	::::	 -:::	ļ····,
Erysipelas {	M. F.	<u> </u> ::::	.::.	 		1	ļ:	l			·::.		ا 	.:::		::::	į
from acute melancho-	M.] ::::	1	1	::	.:::		 	:		.:::			
Exhaustion from de- mentia par- alytica	M. F.				1		1	1	 	1							
Exhaustion (from diarhosa	M F.	ļ	i						:::	ı.		1 1			:::	:::	;

${\it Northern~ Hospital}.$

TABLE No. 19—Continued.

						ı	GE A	т Ті	ME O	F DE	ATH	•					
CAUSE OF DEATH.	Sex.	15 to 20 years.	20 to 25 years.	25 to 30 years.	80 to 85 years	85 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	66 to 70 years.	70 to 75 years.	80 to 85 years.	86 to 90 years.	Unknown.	Total.
Epilepsy }	M. F.			2	2				. 3	 	 	 		ļ		· · · ·	4
Exhaustion from primary dementia	M. F.	i	:		::::	::::					 	ļ			::: <i>:</i>	· · · · ·	1
Exhaustion { from mania }	M. F.	···i·		2			:::.	1				:::	l 				
Exhaustion ; senile	M. F.		:::.		:							2	1 1	8	··i	· · · ·	7
Gangrene of { lung }	M. F.			 	i			:	:					: ::	. .		'n
Gastralgia	M. F.	.::.			i.		 	:::							 . .	•·• ••••	1
Inanition $\frac{1}{l}$	M. F.			:::. ::::.	:::	:::		'n				 				1	1
La Grippe	<u>м</u> . F.		• • • • •			1				.					::		
Meningitis.	M. F.			1	1		::::		 	:::			::::	::::		. 	2 1
Nephritis ;	M F.			1					 	ا ا				 	1		
Organic dis-	M. F.	···i	::::	<u>.</u>			2	:::. ::::.			::::		::::				1
Pachymenin- gitis hemor- rhagica	M. F.		 				1]::::						 	 		1
Permicious ! ansemia	M. F.										···i		•••	::::	····		···i
Peritonitis	M. F.				:											: : ::	
Phthisis pul· i	M F.			4	2 3	1 1	1				••		•••				10
Pneumonia {	M. F.	1 	_i	···i		·:::	····				··.	::::			··i·	1 	3
Pulmonary hem'rhage.	M.					<u>a</u> i	2	ļ	ļ						::::	ļ	1
Strangula-	M. F.			_i .		-:	···i·	-:::	ļ	·:::		::::					1
Stricture of ceephagus and inanition	М. F.			 		···:	.:::	ļ	: . :	·	 .:::	::::	-:::	::::	 	 	1
Total	1	5	10	19	14	11	20	11	18	9	7	6	8	4	3	2	186

TABLE No. 20.

				1	For	RM	O F	I	N8.	ANI	TY	w	HE	n A	LI:	MIT	TE	D.				
CAUSE OF DEATH.	Sex.	Alcohol.	Acute delerium.	Acute delusional insanity.	Acute mania.	Chronic mania.	Acute melancholia.	Chronic melancholia.	Circular insanity.	Coarse brain disease.	Dementia paralytica.	Epileptic mania.	Hypochondriasia.	Hysteria.	Imbecile.	Paranoia.	Periodical insanity.	Primary dementia.	Terminal dementia.	Senile dementia.	Syphilis.	Total
Acute delerium	M		1							ļ									14		.	1
Acute enteritis	М	::			i i	١					::			·:	::	i	::		1.	::		2
	F	l:.		::	.:		:.	:	::					::			::		1		::	• • • •
Anaemia	F	i		٠.	1		2	1	٠.	· i					• •			×-		1	1	10
Asthenia	F	ļ.:		1		:	يک	2	::			2			.:	ï	::		1,.	1		. 8
Cardiac paresis	M F	::	::		::	1	i	1	1		1	1	::	::	l::	1::			1	::		6
Cerebral apoplexy	M.		<u> : :</u>	1::		1	i		l::	2 2		1		٠ 	<u> </u> ::		ŀ		1			5 9
Cerebral hemorage	M			.			١.٠				::							1:		1		1 8
Cyst of cerebellum	M]:				::	i		::	::					1			::	1
Diabetes	F	::	::	• •	:	İ::	::	::	::	i	::	::		· · ·		::	::		111	4 4	: -	1
	F	1::	: :		<u> : :</u>	l::		l	۱ ا	::			::	1::	: ·	ŀi	··	1::	1::	::		1
Diphtheria	F		··	٠.			ļ			j		::	ļ				.		1		• •	1
Dysentery	F	١.	::				i	! ! - <u>-</u>			1::	::		·		:	::				•	1
Enteric fever	M	١	::	1::	::	1	1	2	::	1	1	·:			::	<u> : :</u>	l::	· ·	: :	::		
Enteric fever and menin-)	M.	 ··	•••	.						١			٠.				i		٠.	<u>ا</u> ۔۔	1.	· · i
Epilepsy	M		, : :		j	j	ļ			::	:	4		!::				::		::		
	F	::		1	i	:-	::	' 	::	::	::	8	1		::	i	j::	::	Ĭ.,	::		8
Exhaustion from acute mel-	F		i::	• •	Ŀ	::	2	٠.	ļ:·	1::			::	•	::			Ŀ		1::		
ancholia	F		١.,	٠.					٠.		4	.			٠.			ļ	¦		••	
Exhaustion from dementia	F	::	::		1:	ļ::		ļ:.	ļ			1::		•]		"]:		::	• •	
Exhaustion from diarrhoea.	M	1	1::	1::	1.1	:-	1::	i	::	::	1	l::	::	• •	۱i	i	: :	i::	::	1::	!::	, 8
Exhaustion from mania	M					ŀ	ļ.,				1	1		i::	::		ļ	١.,	ļ			
Exhaustion from primary	M.	:	::	::						::	١	::	.:		.	:	1	· :		::		ļ;
dementia	F.	İ.,	::	::	::	::	Ì.,	'n	::	::	[::	¦		::	::	::		.'	1::	1.8	1::	1
Exhaustion senile	F					::		-	::	.:	1.	··	::	1	• • • •			1::	1::	7	1::	
Gangrene of lung	F		::		i	ļ	1	::			::	::	::			::		[::		ļ	; "i
Gestralgia	M		::	1::	::	::	i		::	::	::	::	::	::	::	::		[::		Í.,	:	
Inanttion	M	1::	1::	1::	1:.	ļ		1	1::	1::	1::	1::	<u> ::</u>		j::	::		1::	li	1::	::	1 1
La grippe	M						1	1		1.	1	1						1	.			1
Meningitis	M.	::	::	1	::	::		1		::	[::	[::	::		١	[::		[[i	Į	::	

TABLE No 20—Continued.

	_				Fo	R	(0	F I	NB.	ANI	TY	· v	/HI	EN .	AD	MI	TT	ED.				_
CAUSE OF DEATH.	Sex.	Alcohol.	Acute delerium.	Acute deferium insanity.	Acute mania,	Chronic mania.	Acut-melanchoun	· Chronic melancholfa.	Circular insanity.	Coarse brain disease	Dementia para ytica.	Epileptic mania.	Hypochondriasis.	Hysteria.	Imbectie.	Paranoia.	Periodical insanity.	Primary dementia.	Terminal dementia.	Senile dementia.	Syphilis.	Total.
Nephritis	M	2	.,			0		23	x.	1				· A	Ų	ý		10	11	Ų,	1,2	
Organic disease of heart	M	i	1	11				24	Ť.			::			0		43	1	7.	14	1	
Pachymeningitis hemorrha-	F	i	10	10	1	-	85		Vă	44	9	1	**	14		**	1	77		1		C
gica	6	1.		12	W	13	5					1							1			49.
Pernicious anaemia }	M					15	11	N	-		**			ű.			7.8	+3	44	"		25
Peritonitis	vi .	100		1	Ü		60	40		7			21	10		*		10	41	î		1
	F	1		11	100	4	5,4	1	0.	4					- 4		ű.	10		+4	**	i
Phthisis pulmonalis	F	K.	3	2.0	1	9	i	1	χ.			15	61	1	8.1		10	2	1	ľ.	**	10
Pneumonia	M	6			ĺ.	1	1		11		8	Ü	0	ľ	V.	13		.2	1	1		
Dul	M	18			1	i		1.3		12	ì	1	**		10		7.6	9	23	1	**	9
Pulmonary hemorrhage \dots $\left. \left\{ \right. \right.$	F	1			Ċ.	1		12	++	0		10	**	^*		ä						13
Strangulation	M	1,1	0	N.	14	14	1	•x			1,0			٠.			,,			4.0	57	
Stricture of oesophagus and inanition	M	1	10.			ä		1	**			2	**					2				
Total	1	6	0	1	11	9	13	12	1	10	10	14	2	-	1	9	- 2	5	10	18	1	13

TABLE No. 21.

Condition at last discharge of patients discharged who have had more than one attack.

			C	נוטאכ	non.	AT LA	AST D	ISCH	ARGE	·.					
Number of Previous Attacks.	Rec	cover	ed.	Im	prov	red.	im	Un- prov	ed.	Un	kno	wn,		RANI OTAL	
	Male.	Female	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
One previous attack Two previous attacks	12 5	6	18 9	 7 5	8 4	15 9	9	11 4	20 8	1		1	29 .14	25 19	54 26
Three previous at- tacks Four previous at-	•••				1	1								1	1
tacks		1	1		•••			1	1					2	2
tacks	• •	···	<u></u> '		_4	4	2	_1	_8		•••	<u></u>	2	5	7
Total	17	11	28	12	17	29	15	17	82	1		1	45	45	90

TABLE No. 22.

Condition at the last discharge of patients admitted during the period who have had more than one attack.

	CONDITION AT LAST DISCHARGE.								١,	_					
Number of Previous Attacks.	Recovered. Improved.		Un- improved.		Unknown.		GRAND TOTAL.								
	Male.	Female.	Total.	Ma'e.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
One previous attack. Two previous attacks Three previous at-	21 8	10 7	81 10	4 5	5	9	2		2 2	1		1	28 9	15 9	48 18
tacks	1	1	2		110					ا		 .	1	1	2
Four previous at-		1	1		100	54			ļj	.				1	1
Many previous at-	2	1	8	2	2	4	. .			1	1	2	5	4	9
Total	27	20	47	11	8	19	8	1	4	2	1	8	43	80	78

TABLE No. 23.

Showing number of patients in the Northern Hospital for the Insune, from the several counties, and from the state at large, September 30, 1894.

Ashland	34	Marquette	
Bayfield	7	Milwaukee	
Brown	30	Oconto	
Calumet	9	Oneida	
Chippewa	29	Outgamie	
Dodge	27	Ozaukee	
Door	6	Portage	
Douglas	27	Price	
Eau Claire	4	Racine	
Florence	6	Shawano	
Fond du Lac	20	Sheboygan	
Green Lake	16	Taylor	
Iron	4	Washington	
Jefferson	30	Waukesha	
Kenosha	6	Waupaca	
Kewaunee	7	Waushara	
Langlade	47	Winnebago	
Lincoln		Wood	
Manitowoc	18	State at large	
Marathon	9		_
Marinette	15	Total	5

Matron's Report.

MATRON'S REPORT,

Articles made in the Northern Hospital for the Insane from Oct. 1, 1892, to Oct. 1, 1894.

Aprons	Mattress ticks	118
Apron strings 207yds.	Night dresses	590
Basques 10	Napkins	72
Billiard table spreads 2		800
Boiler covers 5	Pillow ticks	133
Bed spreads298	Pillow shams	2 pr.
Chemises	Rugs	· 3
Clothes curtains 50	Shirts	1,187
Cooks' caps	Skirts	850
Chair cushions		2,119
Offee sacks	Straw ticks	293
lothes bags 3	Stand spreads	52
anvas mittens 4 pr	Straight suits	11
	Shoes	3 pr.
omforter1	Sheet shams	2
	Sofa pillow cover	1
heese cloth curtains 23 pr.		122
rawers		271
resses	Towels	2,400
resses (strong)	Underwaists	15
Iolders 472	Wrappers	961
ackets	Window curtains	2,094

STATEMENT OF CURRENT EXPENSE FUND-1893.

1892.		1	1
Oct. 1	Balance	. 	\$41,934 00
1898.		i	• ′
Jan. 1	From counties	; ,	49,157 59
April 15	Appropriation, chap. 152, laws of 1893.		155,000 00
Sept. 30			,
	tients		813 63
	Steward, for sundries		3,052 15
1898.			,
July 19	Transferred for expenses of Board of	İ	Ì
·,	Control	\$4.806.06	l
Sept. 30	Paid on account of current expenses		
TOP II	this year		
ĺ	Bal. appropriation in state	-55,515 25	
į	treasury \$120,366 89		
	Bal, in hands of steward 100 61		
		}	
i	\$120.467 50	\ \	
j	Less overdraft on treasurer		
,	of institution 1,894 62	118.572.88	
ſ	01 1100101011		
		\$249,957 87	\$249 957 87
'		\$ -2.0,001 01	\$ \$25,501 0.

STATEMENT OF CURRENT EXPENSE FUND-1894.

1893. Oct. 1	Balance		2 118,572 88
1894.			V /-
Jan. 1	From counties	. 	53,149 05
Sept. 30	Steward, for board and clothing pa		•
•	tients		797 72
	Steward, for sundries		3,208 48
1894.	,		,
July 9,	Transferred for expenses of Board of		
•	Control		
Sept. 30	Paid on account of current expenses		
~	this year		
Sept. 30	Bal. appropriation in state	•	
	treasury\$47,023 36		
	Bal. in hands of the treasurer		
	Bal, in hands of steward of		
1	institution 101 94	49.776 66	-
1004		\$ 175,728 18	\$175,728 13
1894.	7.		040 250 08
Oct. 1	Balance	• • • • • • • • • • • • • • • • • • •	\$49,770 00

Special Appropriation Funds.

STATEMENT OF SPECIAL APPROPRIATION FUNDS.

CLASSIFIED ITEMS.	Balance available Oct. 1, '92.	Appropri ations 1893.	Covered back into state treasury.	Expended during biennial period.	Balance available Sept. 30, 1894.
Watertower and res ervoir and making necessary connec- tions	\$ 512 86		\$ 512 86		\$566 05 1,500 00
Repairs to sewer Totals	\$512 86				

STATEMENT OF

At the Northern Hospital for the Insane

Barn, farm and garden. 19,2 Clothing. 2,5 Discharged patients Discount Drug and medical dep't. 8 Engine and boilers 28,7 Elopers. Freight and express not classified Fire apparatus 2,7 Fuel. 5,4 Furniture. 11,8 Gas and other lights 2,8 Hides and pelts House furnishing 23,1	00 00	\$587 1,439 7,585 215	13	150 00	A 0. 400	
Barn, farm and garden	816 77 88 65	1,439 7,535	18	150 00	A0 400	
Discharged patients. Discount Drug and medical dep't. Engine and boilers. Elopers. Freight and express not classified Fire apparatus. Fuel. Fuel. Gas and other lights Hides and pelts. House furnishing.	00 00	7.535	18	180 001	\$2,489	69
Discharged patients. Discharged patients. Discount Drug and medical dep't. Engine and boilers. Elopers. Freight and express not classified Fire apparatus. Fuel. Fuel. Gas and other lights. Hides and pelts. House furnishing.	00 00	7,585 215		102 20	20,808	
Discount Drug and medical dep't. Engine and boilers		210	00	• • • • •	10,124	
Drug and medical dep't. 8 Engine and boilers. 28,7 Elopers.	18 32	~10	25		315	1
classified 2,7 Fire apparatus 2,7 Fuel. 5,4 Furniture 11.6 Gas and other lights 2,3 House furnishing 23,1 Fund furnishing 23,1 Classified 2,5 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 2,7 Classified	10 02		02	••••	1 400	
classified 2,7 Fire apparatus 2,7 Fuel. 5,4 Furniture 11.6 Gas and other lights 2,3 House furnishing 23,1 Fund furnishing 23,1 Classified 2,5 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 2,7 Classified		919	97	• • • • • •	1,633	
classified 2,7 Fire apparatus 2,7 Fuel. 5,4 Furniture 11.6 Gas and other lights 2,3 House furnishing 23,1 Fund furnishing 23,1 Classified 2,5 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 2,7 Classified	80 01	250	00	•••••	24,028	04
classified 2,7 Fire apparatus 2,7 Fuel. 5,4 Furniture 11.6 Gas and other lights 2,3 House furnishing 23,1 Fund furnishing 23,1 Classified 2,5 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 23,1 Classified 2,7 Fund furnishing 2,7 Classified		74	04	•••••	74	04
Fire apparatus 2,7 Fuel 5,4 Furniture 11.9 Gas and other lights 2,3 Hides and pelts 23.1 House furnishing 23.1	i				44	25
Fuel	90 45	000	25		3,022	
Furniture	20 72	21,636			27,117	
Gas and other lights 2,3 Hides and pelts House furnishing 28					12,102	
House furnishing 28 1	08 41	1 828	50	••••	4,127	
House furnishing 28 1	00 41	1,020	1	214 88	1,214	26
Laboratory 1,6 Laundry 2,7 Library 3,4 Machinery and tools 2,8 Miscellaneous 0 Gficers' expenses	58 O31	5 005	70 '	750 00:	28,913	82
Laundry	82 72				1,662	72
Library 2,4 Machinery and tools 2,8 Miscellaneous 8 Officers' expenses	35 61	540	92	435 45	8,711	98
Machinery and tools 2,8 Miscellaneous	70 00	184	29		2,604	29
Miscellaneous	81 88	46	26		2,378	79
Officers' expenses	71 25	615	99		987	
D		147	25		147	
Printing, postage, sta-				1		ı
tionery and telegraph.	86 18	602	02		858	15
Real estate including	1		1			- 1
buildings etc	105 55 .	. 		111 12	740,116	
Repairs and renewals 6	82 72	2,205	10		2,887	82
Restraints	6 90 .	. 				90
Real estate including buildings etc	.	. .		81 72		72
Special attendance	· · ·			289 95		95
Subsistence	67 19	41,671	72 8,	931 37	54,570	28
Surgical instruments and			20			
Special attendance	198 08	28	28	•••••	426	
TODACCO	22 42	483 40,368	10	•••••	455	
wages and Salaries	•••••	40,368	18	•••••	40,368	
Hennery	•••••	111	12	•••••	111	12
Total 4940		\$100 719	69 011	067 00	4097 FR	1 05
Total	280 12		THE STATE OF		mac(1,00	
~1000u1100,,	380 17	125	20	DU 1 21	4,0.,50	
	380 17	135	20		4,0.,30	
Net expenses Add amount assigned to this ins	· · · · · -	\$126,578	20		871,0?	•••

Current Expenses,

CURRENT EXPENSES.

for the fiscal year ending September 30th, 1893.

Inventory September 30, 1898	Cash recieved on this acc't.	Transferred from this account.	Total.	Gained.	Expended.
20,171 88 8,771 74		\$9,681 87 185 20		· • • • • · · · · · ·	0,108 89
	. 		1 85	,	74 04 42 90
10,348 38 12,013 70 2,358 09 28,326 35 1,649 06 2,745 82 2,499 83 2,347 66 309 50 267 18 740,116 67	8 50 1,214 86 21 90 326 50 12 12	l .	2,725 35 10,789 41 12,018 70 2,866 59 1,214 86 28,348 25 1,649 06 2,745 82 2,499 83 2,499 83 2,497 25 74C,116 67 888 21 6 90		297 41 16,377 84 88 37 1,760 41 5,565 57 13 66 966 16 104 46 31 13 351 24 147 25 608 90
	157 59	289 95 111 12	447 54 111 12		39,920 59
		\$ 12,102 47			
tate for salar	ries and expe	nses of the B	oard of Con	rol	\$116,481 89 4,806 06
					\$121,287 95

STATEMENT OF At the Northern Hospital for the Insane

Classified Items.	Inventory September \$0, 1898.	Purchased during the year.	Trans- ferred to this ac- count.	Total.
Amusements. Barn, farm and garden. Clothing. Discharged patients. Discount Drug and medical dept. Engines and boilers. Elopers. Freight and express (not classified). Fire apparatus. Fuel Furniture. Gas and other lights. Hides and pelts. House furnishing. Laboratory. Laundry. Library Machinery and tools. Miscellaneous. Officers' expenses Printing, postage, stationery and telegraph Real estate, including buildings, etc. Repairs and renewals. Restraints Scraps Special attendance. Subsistence. Surgical instruments and appliances Tobacco. Wages and salaries. New pump house. Coal shed addition.	20, 171°88 8,771 74	1,571 27 6,238 54 188 75 1,103 85 1,079 12 100 89 23 50 14 25 15,385 63 2,379 66 4,235 01 460 62 86 50 85 18 533 69 258 69 649 56 4,517 86 1,978 96 9 00 38,770 88 56 52 474 27 40,360 25 70 87 195 82	200 00 1,208 46 900 00 279 70 266 69 74 45 803 40 10,299 22	10,010 28 183 75 1,758 72 25,017 93 100 80 28 50 2,759 60 25,883 40 12,172 83 4,737 75 1,208 46 28,461 36 1,649 06 8,488 14 2,586 83 2,432 84 843 19 253 69 916 60 744,901 22 2,756 37 15 90 74 45 803 40 52,612 56 447 44 484 33 40,360 25 70 87 195 82
Totals Discounts	\$855,924 56	\$121,251 01 105 60	\$ 18,677 12	\$990,852 69
·		\$121,145 41		874,695 91
Net expenses.			l	\$116,156 78

Add amount assigned to this institution and set apart, by the Secretary of

Current Expenses.

CURRENT EXPENSES.

for the fiscal year ending September 30, 1894.

Inventory September 30, 1894.	Cash re- ceived on this account	Transferred from this account.	Total.	Gained.	Expended.
\$1,914 91 19,753 69 3,671 37 698 67 24,388 58	\$33 57 268 98 155 55 6 71 25 00	\$11,399 22 105 60	\$1,947 48 81,421 89 8,826 92 105 60 705 88 24,418 58	\$9,588 54 105 60	\$328 48 6,183 36 183 75 1,053 34 604 35 100 80
8,207 78 11,961 27 2,475 63 22,952 47 1,609 26 2,816 26 2,513 83 2,239 01	567 50	145 20	8,408 71 11,941 27 2,763 68 1,208 46 22,976 81 1,609 26 2,816 26 2,513 88 2,289 01 838 83		7 28 17,474 69
297 87 744,901 22 875 61 13 65	23 80 74 45 303 40 40 45	74 45 1,488 16	744,901 22 978 86 13 65 74 45 303 40 4,518 23		1,782 51 2 25 48,094 33
391 57 28 73	\$3,208 48	303 40 70 87 195 82	891 57 28 96 483 56 70 87 195 82 \$874,695 91	\$9,639 14	55 87 455 87 89,926 69
State for s	alaries and	expenses of		!	9,639 14

STATEMENT OF MONEYS RECEIVED AT THE INSTITUTION.

Classifications,	Year ending Sept. 30, 1893.	Year ending Sept. 30, 1894.
Amusements, Barn farm and garden Board and clothing of patients Clothing. Drug and medical department Engine and boilers. Freight and express.	\$298 65 813 63 183 38 8 05	797 73 155 55
Fuel Gas and other lights	258 23 8 50 1,214 86 21 90	55 78 288 00 1,208 46 24 34
Miscellaneous Printing, postage, stationery and telegraph Repairs and renewals Scraps.	826 50 12 12 29 08 81 72	8 15 23 80 74 45
Special attendants	185 27	40 45 23
Totals	\$3,865 78	\$4,006 20

Moneys Received.

CASH TAKEN FROM PATIENTS FOR SAFE KEEPING.

On hand October 1, 1893	\$989 800	26 55
Total	\$1,789 912	81 56
Balance in hands of steward Oct 1, 1894		

CASH DEPOSITED TO BE EXPENDED FOR BENEFIT OF PATIENTS.

	1,000 /	79
On hand October 1, 1892	\$2,784 5	57
Balance in hands of steward October 1, 1894.	\$781 7	_ 74

During the biennial period the relatives and friends of patients contributed for their use and pleasure clothing and other property to the value of \$7,843.07.

FARM AND GARDEN PRODUCTS.

ARTICLES.	FOR THE YEAR ENDING SEPTEMBER 80, 1898.		FOR THE YEAR ENDING SEPTEMBER 30, 1894.	
	Quantity.	Value.	Quantity.	Value.
	0.001.11	A 101.05	0.015.1	4100 55
Asparagus	2,021 bunches	\$101.05	3,215 bunches	\$160 75
Beef		309 50	1,150 lbs., (1 hd.)	40 25
Beans, Lima		56 63		49 13
Beans, string	484 bu.	73 13	201 bu.	30 19
Beets		207 01	2174 bu.	161 53
Beet tops	18 bu.	12 60		53 55
Cabbage, early	4,182 hd.	209 10	1 27 1 (1	147 25 824 40
Cabbage, winter.		168 95	8,110 hd.	
Calves	48 hd.	52 00	40 hd	109 00
Carrote	835# bu 92 hd.	255 58 9 20	8271 bu.	232 78 24 40
Cauliflower,	3,521 bunches	88 03	244 hd.	105 28
Celery	5,021 0unches	00 00	2,612 bunches	11 88
Chickens	2114 bu.	011 50	199 }	
Corn, green		211 50	188 bu.	133 00
Corn, dry	3,844 bu.	1,728 00 698 00	1,100 bu.	495 00 360 00
Corn stalks	116 tons	134 75	60 tons	63 50
Cucumbers		21 63	68½ bu.	28 00
Currants	173 qts.	39,	176 qts	97 17
Eggs	2 ₁ ⁷ doz 40 ² bu	81 50	715 to doz.	69 50
Grapes	210 tons	2,100 00	34‡ bu. 205 tons	2,050 00
Hay Horse radish	9 bu.	13 50	6+ bu.	2,000 00
	60 cords	60 00	100 cords	100 00
Ice Lard	3,841 lbs.	499 83	5,440 lbs.	707 20
Lettuce	4,581 bunches	229 05	4,970 bunches	248 50
Mangel wurzel	4,569 bu.	1,142 25	8,048 bunches	760 75
Milk	121,728 qts	8,651 84		2,965 80
Oats	3,620 bu.	1,086 00		1,557 44
Oat straw	125 tons	750 00		900 00
Onions, green	1,837 bunches	91 85		225 50
Onions, dry	560½ bu.	396 60.		433 65
Pareley	70 bunches	8 50		90
Parsnips	250 bu	75 00		180 00
Peas	134+ bu.	184 25	1074 bu.	107 50
Peppers	51 doz.	7 20		
Pigs	202 hd.	938 60	198 hd.	1,019 00
Pork	18,808 lbs, (87hd.)		18,575 lbs. (91hd.)	1,857 50
Potatoes	1,339 bu.	878 50.		566 58
Radishes	2.892 bunches	144 60		29 95
Rhubarb		87 22		183 25
Rutabagas	939‡ bu.	437 55		100 55
Rye	- 1		116 bu.	58 00
Sage		12 60		

Farm and Garden Products.

FARM AND GARDEN PRODUCTS-Continued.

For the Year Ending September 30, 1893.		FOR THE YEAR ENDING SEPTEMBER 30, 1894.	
Quantity.	Value.	Quantity.	Value.
50 bu. 94 bunches	\$50 00 4 70	72 bu.	\$ 72 00
8,159 lbs. 4,740 lbs. 1,508 qts.	63 18 142 20 188 50	7,660 lbs. 877 qts.	177 48 109 68
621½ bu.	684 25	867‡ bu. 50 cords	885 89
	Quantity. 50 bu. 94 bunches 44 bunches 8,159 lbs. 4,740 lbs. 1,508 qts. 152 bunches 621‡ bu.	SEPTEMBER 30, 1893. Quantity. Value. 50 bu. \$50 00 94 bunches 4 70 44 bunches 17 60 8,159 lbs. 63 18 4,740 lbs. 142 20 1,508 qts. 188 50 152 bunches 7 60	September 30, 1893. September 30

Wisconsin School for the Deaf.

SIXTH BIENNIAL REPORT

OF THE

Wisconsin School for the Deaf

FOR THE

Two Fiscal Years Ending September 30, 1894.

OFFICERS AND TEACHERS.

JOHN W. SWILER, M. A.,	 SUPERINTENDENT AND STEWARD
M. C. CLARKE,	TREASURER
CHARLES M. TALLMAM,	CLERK
8. M. MONTGOMERY,	- \$ - MATRON
TILLIE CANNAN,	ASST. MATRON AND GIRLS' SUPERVISOR
JOSEPH E. WACHUTA,	Boys' Supervisor
MANUAL DEPAR	RTMENT.
TEACHERS.	
EDWARD E. CLIPPINGER, M. A.,	WARREN ROBINSON, M. A.,
J. SCHUYLER LONG, A. B.,	JAMES J. MURPHY, A. B.,
WILLIAM F. GRAY,	THOMAS HAGERTY, A. B.,
ELENORE G. Mc	COY.
ORAL DEPART	
•	•
TEACHERS	3.
ALLIE I. HOBART,	IVA C. PEARCE, B. S.,
ELIZABETH G. PHOENIX,	AGNES STEINKE,
OLARA J. MAKLEM,	margaret J. Stevenson,
• SETH W. GREGOR	Y, A. B.,
475 774 475	as To Mari
ART DEPARTM	
LILLIE M. SORRENSON,	TEACHER
CALISTHENICS AND	GYMNASTICS
TEACHERS.	
RUTH E. SWILER,	THOMAS HAGERTY
INDUSTRIAL DEP.	ARTMENT.
HELEN OHNSTAD,	- TEACHER OF NEEDLE WORK
JOHN BEAMSLEY,	Foreman of Shor Shop
HOLLIS STONE,	- FOREMAN OF CABINET SHOP
WILLIAM T. PASSAGE,	- Foreman of Printing Office
·	

SUPERINTENDENT'S REPORT.

To the State Board of Control:

Gentlemen:—In compliance with the law, which requires an annual report from the Superintendent of the Wisconsin School for the Deaf, I herewith present the Sixth biennial (forty-third annual) report of this School, to your Honorable Board, for the period closing September 30th, 1894, with such statistics, information and suggestions concerning the affairs of the School, in connection with the forty-second and forty-third annual sessions as the nature of the case seems to require.

And, I beg to say that, as Superintendent it has been my constant endeavor to provide all the essentials of a comfortable, healthful, happy residence for the children under my care, and in so doing, make it plain to them that order, cleanliness, exercise and physical training are necessary to their well being.

Frequent lectures, judiciously criticising awkward manners, or injurious habits, and the discipline of the gymnasium, in connection with the curriculum of the school have, in most cases, produced intelligence of expression, and dignity of manner. While discipline has been maintained, as essential to order and harmony, the prompt and cheerful obedience of every pupil has been secured.

As Steward, I have sought to obtain competent supervision and an abundant supply of wholesome food for the domestic department; with adequate light and water supply, ample warmth and ventilation; and, an intelligent service to administer and apply the business affairs of the school with reference to the quantity and quality of supplies purchased and to a judicious expenditure of available funds. In this connection it is a pleasure to say that I fully appreciate the generous support which I have had from the members of the Board of Control.

Since the date of the last report, September 30th, 1892, seventy-two (72) new pupils-46 boys and 26 girls have been admitted to the privileges of the school; and, 28 former pupils -22 boys and 6 girls, who were temporarily absent, have been re-admitted.

One hundred and sixty-five (165) pupils—95 boys and 70 girls were in school September 30th, 1892. One hundred and seventy-six (176), 95 boys and 81 girls, were present September 30th, 1893. One hundred and eighty-eight (188), 110 boys and 78 girls, were in attendance September 30th, 1894; and, at this date November 1st, 1894, there are 203 pupils in school.

Of the fifty-seven pupils who have gone from the school within the last two years, eighteen (18) had completed the course of study, after being in school an average of 8.5 years.

In June, 1893, certificates of graduation were awarded to:

Frances Bridget Groom, Cassville, Herman Simon Ruh, Plymouth, Wis. Wis.

Florence N. Morrison, Millard, Wis. Gustavus A. Mittlesdorf, East Farmington, Wis.

Dunn Co.

Rock Co.

burg, Ozaukee Co.

Mound, Dunn Co.

Calumet Co.

Powers,

Emma Louisa Richter, Janesville,

Bertha Evenson Rosenberg, Elk

Ellen Scnildhauer, New Holstein,

Marian Sophia Stout, Ross, Vernon

Colfax,

In 1894, the graduating class was as follows:—

James William Conrad, Hartford, Mary Lavina Washington Co.

Albert Freiberg, Van Dyne, Fond Francis James Reynolds, Cedardu L & Co.

Louis Kirst, Milwaukee.

Helen Marie May, Ft. Atkinson, Jefferson Co.

George C. Myers, Weyauwega, Waupaca Co.

Edwin William Nelson, Fontenoy, Brown Co.

William L. Parish, Patch Grove, Grant Co.

Anna! Wartzog, Sauk City, Sauk Co. The class honors of 1893 were taken by:—

Gustavus A. Mittlesdorf......First Honor. Frances B. Groom Second Honor.

The class honors of 1894:-

Ellen Schildhauer......First.

James W. Conrad¹......Second.

Of the above named Graduates, James W. Conrad, of Hartford, Louis Kirst, of Milwaukee, and Francis Reynolds, of Cedarburg, have since been admitted to Gallaudet College, Washington D. C. where they are now pursuing higher courses of study.

Twelve others, who had spent their allotted time in school, were honorably discharged. Three pupils have died within the last three years, one at home during vacation, and two at the school. Five have removed with their parents to other states; and twenty have dropped out for various reasons, leaving the names of 208 on the Register. Of this number, one hundred and eighty-eight (188) are in school the 30th day of September, 1894, and a majority of the absentees will report for duty, in the month of October, making the attendance for the current term over 200.

The average attendance for 1893 was 174.4; for 1894, 183.1; the total cost of maintenance was \$37,263.00 for 1893, and \$37,325.28 for 1894; making the per capita cost \$213.66 for 1893, and \$203.85 for the year 1894. This is the average per capita expenditure for all purposes, exclusive of the outlay for permanent improvements or enlargement of buildings.

Other information is given in statistical tables hereto appended.

See tables 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10.

An appendix to this report contains the names of all the Alumni of the school, from which it appears that they are honorably supporting themselves in a great variety of employments.

There are 32 farmers, 13 printers, 9 shoemakers, 9 carpenters, 1 cabinet maker, 3 harness makers, 2 coopers, 4 barbers, 3 lumbermen, 3 painters, 2 jewelers, 2 laborers, 2 machinists, 2 engravers, 2 tailors, 2 railroad hands, 1 agent 1 cigar maker, 1 livery man, 1 artist, 1 supervisor, 1 editor, 1 principal of school, 6 teachers, 7 students, and, in addition to these a large number, who have not reported their occupations.

From such statistics as these we gain encouragement to

believe that the value of the school is constantly becoming more apparent, and that the reports from former pupils, indicating that they are everywhere honorable, upright, self sustaining citizens, are the strongest possible proofs of its efficiency.

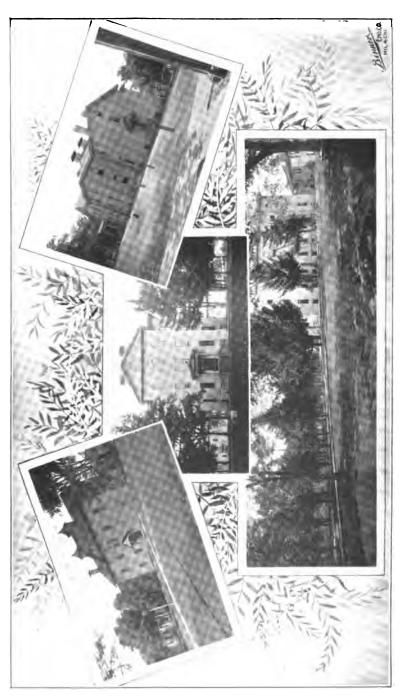
The deaf are so entirely capable of receiving instruction and their improvement is so rapid and uniform that, after leaving school, in the majority of cases, they are able to turn at once into the busy crowded avenues of industrial life, and there "hold their own" in the midst of the sharpest and most exacting competition. The high standing which the graduates of this school have been able to take is, in great part, due to the fact that from its earliest existence suitable instruction in the manual arts has been provided for them.

Consistently with its original purpose the school has now under instruction a large number of young women and men, who are learning printing, carpentry, shoemaking, baking, cooking, and sewing, dressmaking and drawing during a portion of each school day. The long and varied list of occupations in which the graduates of the school are engaged proves in a striking manner the worth of the school's industries; for, while it may be noted that many trades therein mentioned are not taught at school, still, upon closer examination it will be seen that they are all closely allied to the foundation work done at school

Among the most important results of a manual training course are habits of attention and perception, the faculty of comparison, a skillful use of tools and materials, knowledge of the quality and strength of substances, a sense of responsibility and regular habits of industry. Very early in its history, long before manual training was mentioned in connection with the public schools this, and other state schools for the deaf were carrying on industrial training.

One of the advantages of a trade school over the instruction of the manual training schools is its immediate productiveness, which at once appeals to the innate desire to make something with an appreciable market value, and to stimulate the con-





WISCONSIN SCHOOL FOR THE DEAF. - DELAVAN, WIS. - J. W. SWILER, Supt.

structive faculty to resist and partially overcome the natural tendency to indolence.

In former years the shops were sometimes unpopular with the boys who had to work in them, but since the value of manual skill is more apparent the places in the shops are eagerly sought for.

But all industrial arts have been so changed in recent years, that the spirit of the age calls loudly for men of superior attainments. The qualities which now best recommend young women and men to remunerative work are quickness of perception, and dexterity and skill in the use of machinery. Since this is so, a boy's education should fit him to work with others, so that he may be able to do the part assigned to him, without impairing the work of the man who precedes him, or impeding the movements of the one who is to follow. To secure this much desired end the Wisconsin School for the Deaf needs a new industrial building—the complement of it is excellent schoolhouse—in which to teach in more ample form drawing and designing, printing and engraving, sewing and cooking, and to carry on instructions in wood and leather work. This would include turning, carving, filing, sawing and all sorts of constructive work from designs. And also instruction in shoemaking and harnessmaking.

Notwithstanding the limited appointments of the old shops their influence on the generations of boys that have passed through them in the last 40 years is permanent and most valuable. From the long list of occupations shown in the alumni register it becomes apparent that the graduates are covering a wide range of industrial pursuits and maintaining themselves, at least as well, and in many cases better than their hearing brothers and sisters. From private sources we are informed that in most cases the wages of the deaf man is as good as that of others in the same line of work.

Since so much has been accomplished with the limited means at hand, it is but reasonable to suppose that with good light, steam power and improved machinery, in a suitable building

better results would be obtained. With this thought in view I most respectfully ask your Board to consider the propriety of taking such action as may secure an appropriation of \$15,000, from the next legislature to construct and equip a suitable building for manual training.

Shoemaking.—During the period just closed, 34 boys have been under instruction in the shoe shop. A ready market has always been found for the excellent product of this shop at paying rates, and a few specimens of fine work were on exhibition at the World's Fair.

Cabinet-making.—The cabinet shop has grown in popularity and has produced a great variety of substantial work consisting mostly of furniture. The shop is crowded with eighteen boys and still more are seeking admission.

Printing.—Printing has long held a leading position in the industries of the school as it is eminently suited to the deaf; thirteen boys and four girls are learning type-setting.

Baking.—Several apprentices have availed themselves of the advantages which the bakery offers to learn one of the best and most profitable of trades.

Sewing and Dressmaking.—Although Miss Helen Ohnstad, the instructress, has been in the school but a short time, she has arranged a systematic course in needle-work, and with a class of young ladies is now engaged upon a complete course of scientific dress-making.

Drawing and Writing.—This instruction is carried on by Miss Lillie Sorrenson, with much enthusiasm and a very generous measure of success. She has six boys and eighteen girls in special studio classes, and, in addition thereto teaches writing and drawing to six classes.

The School.—A number of changes in the teaching force were mentioned in the last report and still others have taken place since that time. The most important one was the resignation, at the close of the school year in June 1894, of Miss Emily Eddy, who had been teaching continuously in this school since 1857. Miss Eddy's withdrawal from active work entails

a loss upon the whole profession, for her devotion to the class room, and her superior knowledge of speech teaching gave her great and noteworthy success. Her departure is accompanied with the loving regards of all her associates, who wish that she may live long to enjoy, in the delights of private life, that relief from arduous labor, which she so well deserves.

In November 1892, Mrs. Mary H. Fiske, who had been teaching since 1878, finding that her health demanded a change of climate, reluctantly resigned and went to New Mexico. She had always been an important and most congenial member of the household, and her going was the occasion of lasting sorrow and regret to her many friends.

Miss Elsie Steinke, who had been in the oral department of the school since 1886, felt the need of relief from work for a time and was granted a leave of absence.

Mrs. E. G. Phoenix, whose resignation was recorded in the last report, has been re-engaged, and her valuable services retained in the class room.

The necessity of securing competent teachers for the oral work which the school was carrying on being apparent, the Superintendent, was instructed to visit Eastern schools, in company with the Hon. W. H. Graebner, to observe methods of instruction and desirable improvements in buildings and appliances, and to engage the best available teachers for the Wisconsin School. With this in view, the Michigan School at Flint, the Ontario Institution for the deaf at Bellville, the Western New York School at Rochester, "Clark Institute" Northampton, Mass., the American Asylum, Hartford, Conn., the Institution for the Improved Instruction of the Deaf in New York city, the Pennsylvania Institution for the Deaf, Philadelphia, and Gallaudet College at Washington, D. C., were each visited in turn. At every place the utmost courtesy was shown your representatives, and through the kindness of local officials much valuable information was obtained. It was everywhere apparent that speech teaching and manual training are receiving increased attention, and that they will have

further development in the immediate future. In this connection it was gratifying to note that the teachers and pupils of Wisconsin are equal to the best.

The services of Miss Clara J. Maklem, and of Miss Margaret J. Stevenson were secured from the normal training class of Clarke Institute, Northampton, Mass.; and at Gallaudet College, Washinton, D. C., an engagement was made with Mr. Seth W. Gregory, a graduate of Beloit College. These three new teachers are teaching oral classes, and I have great pleasure in saying that our most sanguine expectations are realized in the quality of the work which they are able to do.

In addition to these engagements, Mrs. Phoenix and Miss Agnes Steinke have been transferred to the oral department; so that the assignment of duty places an equal number of teachers, seven, at the manual and oral class work.

Methods of Instruction.—While in a certain sense the methods of instruction are the same as heretofore, i.e. those included in the "combined," or eclectic system, still important changes are taking place in the relations of different methods of instruction to each other, and to the entire system of education. The gesture language was once universal and somewhat exclusive, being considered the best, the clearest and most rapid means of teaching abstract ideas, of imparting general information to and of eliciting expression of thought from the deaf. As long as the leading value in the education of the deaf was supposed to be the instruction they received, rather than their ability to use the current forms of spoken English, the gesture language took the lead, but when it became apparent, as it did little by little, that communicable knowledge was of greater utility than any amount of information that could not be expressed, the superior worth of written, spelled and spoken language was recognized and signs began to be restricted to purposes of general instruction subsidiary to speech. The changed relations of the gesture language to all forms of instruction in schools for the deaf at the present time, consists principally in this, that, while formerly signs were

preferred on every occasion, the language teacher now usesthem after speech; writing and spelling have proved inefficient. But, in this larger use of written and spoken language we would not mislead any to believe that intelligible speech is attainable by every deaf child during the average time they are allowed to remain in school. We do promise, however, that every effort shall be made to teach speech and lip-reading to every deaf child that can possibly acquire it without neglecting the other important subjects of a common school education. We are forced to remember that, with few exceptions, deaf people acquire speech with great difficulty, and retain it with greater effort. The casual observer cannot realize the difficulties with which the deaf mute must struggle in acquiring either written or spoken language, and only those who undertake to assist them in their efforts to speak know at what disadvantage they are constantly placed. When the speech of deaf people is not easily understood they are forced to employ other means of communication, and in spite of proficiency attained under the watchful eye of careful teachers, their speech often deteriorates after leaving school. Articulation has been taught in the school at Delavan for twenty-six years. In every case in which speech teaching does not deprive the child of needed mental culture, or, in other words, whenever speech assists more than it hinders the mental development of the child, we say teach speech, first, last and all the time; but, when after long trial, and great effort it appears that the prolonged absorbing attention to the elements of sound is excluding everything else, and that the pupil in his limited use of words, already learned, forgets almost as fast as he learns, then let the instruction take a wider range that it may appeal to and bring into use every available faculty of his being.

As the skill of the artist and of the engraver is needed to explain and illustrate the imperfections of language, so the deaf need the gesture language to explain illustrate, correct and confirm the impressions made by spoken and written language.

In the school at Delavan, speech teaching is continued as far as available; writing is everywhere and constantly in use, and pictures, drawings and gestures are employed when spoken language fails. A course of Friday evening lectures is delivered to the more advanced pupils in the school at Delavan, on a great variety of subjects, in the gesture language, and it would not be possible to appeal so forcibly to so many deaf people in any other form of public discourse. Bear in mind that the sign language is not taught the deaf in school, but is used in their instruction, because we find them already possessed of it as a vernacular, and make use of it as a stepping stone to higher things. In all this the constant and unprejudiced idea is to make the most of the child and to meet his most urgent needs as quickly as possible, without fear, favor or partiality. Notwithstanding all this, it is still asked, "why may not the deaf secure this needed mental development through speech alone?" In reply I may say that some of them do so; and our different methods of instruction are adapted to all; but in too many cases the difficulties of speech, and the obscurity of its formation are such that a great many children do not keep at it long enough to satisfy either themselves or their friends. I have numerous letters from interested parties, in addition to the deductions from long continued observation, to prove this.

Much as parents desire speech for their children, and hard as patient teachers labor to produce it, the general public and those most interested, as they become familiar with the real obstacles in the way will not fail to see, that grace and harmony of expression, the charm of refined manners and the treasures of a cultivated mind are often more agreeably expressed from the tips of nimble fingers, or at the point of a pen, than by a halting uncertain expression, or a timid utterance which lacks distinctness and is apt to distort the beautiful features of an otherwise charming person. Conversation must be reciprocal; society expects at least, as much as it gives, and only those who can participate in the chatter of social life may hope to enjoy the common talk of the day.

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SCHOOL HOUSE.
WISCONSIN SCHOOL FOR THE DEAF. — DELAVAN, WIS.

Some of our pupils can be educated up to that happy condition; others may enjoy it in part, and still others must be content to stop short of it.

Kindergarten.—One of the most efficient aids to the primary instruction of the deaf is the Kindergarten. It attracts, interests and develops. It is the happiest place in the schoolhouse. Whenever parents realize how much children enjoy kindergarten work, we believe that they will be as well satisfied with its influence upon their future habits of thought and of action as the children are in the enjoyment of the process.

Rotation of Classes.—The rotation of the higher classes in recitation, so that they meet different teachers at specified hours, in assigned studies, was formerly employed in this school, and has recently been revived with good effect. Three of the most advanced classes recite in turn to different instructors in literature and language, in arithmetic and in the natural sciences and history. Your attention is most respectfully invited to the following "course of study," which remains essentially the same as at the date of the last report.

FIRST YEAR.

Language.—Spoken and written. Nouns—Objects in class room; articles of dress; articles of food; articles of furniture; parts of the body; names of most common animals and birds; divisions of time, as morning, noon, evening, forenoon and afternoon; the articles, a, an and the, are to be taught with these words, also the plural form of the words.

Adjectives—Such as, good, bad, young, old, sweet, sour, hard, soft, wise, stupid, weak, strong, pretty, homely, light, heavy, quick, slow, etc., etc.; colors: black, white. yellow, green, red and blue. Numeral adjectives to twenty, inclusive.

Pronouns-I, you, he, she, it, in all cases and numbers.

Verbs—To be, in present and past tenses, and verbs that express simple action.

Prepositions in, into, out, of, on, over, under, by, for, off.

Arithmetic.—Writing numbers to 20, and mental addition and subtraction. How many?

Penmanship.—Careful instruction with crayon, followed by exercises with pencil and pen.

No text books.

SECOND YEAR.

Language.—Spoken and written. A thorough review of First Year work.

Nouns—Names of the parts of common quadrupeds, birds and fishes; names of implements in common use about the house, barn, farm, etc.

"Miss Sweet's No. 1," second series.

Adjectives—Continued, together with: this, that, these, those, many, a few, several, some

Pronouns—Simple questions with, who, what, where, can, have and do.

Verbs—The infinitive mood with to, simple and compound actions, may and must.

Adverbs-Not, often, never, sometimes, now, soon, very, much, etc.

Prepositions - From, at, through, of, before, behind, around, after.

Conjunctions-But, and, or.

Simple questions: whose, which, when, will, and may.

Arithmetic. - Addition and subtraction in practical problems.

Penmanship —Copy-book.

Drawing. Board and paper.

THIRD YEAR.

Language. Spoken and written. Nouns—The different classes of artisans and the articles made by each; the time of day; the seasons. "Miss Sweet's No. 2."

Adjectives—Simple comparison; also, each, other, another, one, every-Pronouns—Myself, himself, herself, and their plurals.

Verbs—Present, past and future tenses; the infinitive and imperative moods; thorough drill on: will, would, could, and can.

Adverbs-Continued.

Prepositions—Without, among, along, near, above, below, within.

Conjunction -- Because.

Simple narrative and eliptical exercises. Action and picture writing.

Arithmetic.—Multiplication. Mental exercise. Problems involving the three rules. Dollars and cents.

Reading. - "Harper's First."

Penmanship.—Copy-book.

Drawing.—Continued.

FOURTH YEAR.

Language.—Spoken and written. Nouns—Continued; somebody, anybody, nobody.

Adjectives - Comparisons continued.

Verbs - Active and passive voice, exercises in the indicative, infinitive and imperative mood; have, and had; may, and might; shall and should. "Sweet's No. 3."

Adverbs-Time, place and manner.

Pronouns-Relative.

Conjunctions -If, either, or, neither, nor, when, while, since.

Prepositions - Completed.

Eliptical exercises. Descriptions of actions, pictures, persons, animals and things. Historical sketches. Journals. Stories. Letter writing.

Arithmetic.—Four fundamental processes. Mental and practical problems. Currency, continued.

Geography.-Local division of land and water in the neighborhood.

Reading.—"Harper's Second"

Penmanship.

Drawing.

FIFTH YEAR.

Language.—Spoken and written. Nouns, adjectives, pronouns, adverbs, prepositions, conjunctions, continued. "How to talk."

Special drill in active and passive voice; participles. Action and picture writing. Historical sketches. Natural history stories. Journal. Stories.

Arithmetic.—Practical problems. Currency. "Felter."

Geography.-Local geography carried to the state, finished.

Reading .- "Sweet's No. 4."

Penmanship.

Drawing.

SIXTH YEAR.

Language.—Sentence writing; participial constructions, continued. Natural history. Narrative and descriptive composition. Journal. Stories. "How to talk."

Arithmetic. - Common fractions begun, with practical problems. "Felter."

History.-History of U.S. Manuscript lessons by teacher.

Geography.—Swinton's primary, completed.

Reading. - "Harper's Third."

Penmanship.

Drawing.

SEVENTA YEAR.

Language.—Spoken and written. Sentence building. Analysis, using diagrams. Participial and adverbial phrases. English composition. "How to write."

Arithmetic.—Denominate numbers completed. Decimal fractions, begun. Practical problems. Accounts. "Felter's Advanced."

History.—History of U.S. Manuscript.

Geography.-"Swinton's Intermediate."

Reading.-"Little Men and Women."

Penmanship.

Drawing.

EIGHTH YEAR.

Language.—Spoken and written. Composition. "Swinton, or "Barnes' language." Thorough drill on connectives.

Arithmetic.—Interest, discount, forms of notes, receipts, bills, etc. Loss and gain. "Felter."

General history-Manuscript, from "Thalheimer."

Physiology and hygiene.

Reading. - "Harper's Fourth."

Penmanship.

Drawing.

NINTH YEAR.

Language.—Spoken and written. Composition. "Paterson's grammar."

Arithmetic.—Completed. Square root and cube root. "Felter."

United States history. "Eggleston."

Natural Philosophy.

Physical Geography. "Monteith."

English Literature.

Drawing.

TENTH YEAR.

English Literature.

Civil Government. "Townsend."

Manners and Morals. "Gow."

Reviews.—U. S. History, "Eggleston;" Arithmetic, "Felter;" Geography, "Swinton."

Art Department.—Miss Jene Bowman, who filled the office of instructress in drawing and writing, with entire acceptance, resigned at the close of the school year, June, 1893. We were fortunate in scuring another competent young lady, Miss Lillie M. Sorrenson, trained in the same school, who carries on the studio, and teaches drawing with noteworthy success.

The exhibition of drawings from this school at the Columbian Exposition attracted favorable notice, and the graduating class of 1894, contained a number of promising young artists.

Gymnasium.—The gymnasium continues to contribute increased strength, better health, and notable improvement in ease and grace of manner. Its influence on the members of the school is intellectual as well as physical; and its tonic effects are shown by empty hospitals and improved discipline. The closing exhibition of the gymnasium last year was more varied and interesting, and of a higher order of development than any previously given.

Health.—The sanitary condition of the school has been most excellent during the last two years; the hospitals are usually empty, there have been no epidemics, and but one death from disease in that time. The one sad exception was the case of Otto Urban, of Merrill, a member of the senior class, who died after a short illness, March 24th, 1894, of stricture of the duodenum.

By a fatal accident on the play ground, during the progress of a game of foot-ball with the Beloit College boys, November 4th, 1893, another member of the senior class, John Peterson, of Grantsburg, injured his spine so seriously by a fall that he died an hour afterward.

In adition to these two cases Annie Willdey, of Delavan, died at her home in August, 1894, of pneumonia.

Owing to the prevalence of small-pox in the neighboring cities, the greatest possible vigilance has been exercised in the reception of those who have entered school from infected districts. In addition to the annual vaccination of new pupils, a very thorough re-vaccination of the more advanced pupils was made, with such success that we have had complete immunity from all forms of disease.

In this connection it becomes my duty to call the attention of the Board to the fact that the school is without adequate hospital conveniences, and especially for the treatment of contagious or epidemic diseases. There is no place on the school

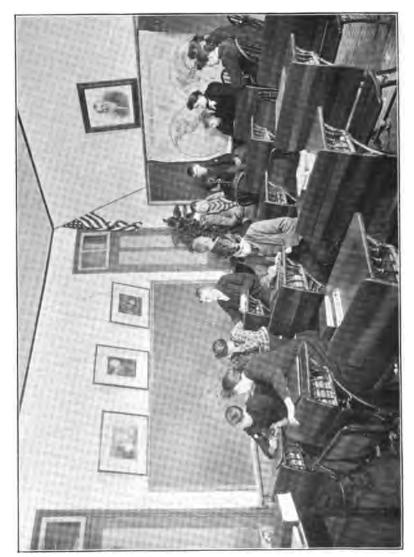
grounds that could be used as an isolation hospital in case of need. I am convinced, in the light of recent experience, that we can no longer safely delay the erection of a suitable detached hospital, in which every alarming or infectious case of disease might at once be isolated and treated under the most favorable hygienic conditions. There is a fine site for such a building on the west side of the school premises, and I would suggest that an appropriation of \$5,000 be secured to erect and equip a hospital.

The Household.—The only important change in the management of the domestic department was made necessary by the resignation of Mrs. Mary H. Shilling, who had discharged the arduous duties of matron for two years, with great fidelity. She is succeeded by Mrs. S. M. Montgomery, of the Minnesota School for the Deaf, who brings an experience in household duties which is of much value.

The World's Fair.—The exhibition of the school at the Columbian Exposition, in connection with the exhibit of other schools for the deaf, in the summer of 1893, consisted of tables, stands, chairs and other articles cabinet of furniture, from the shop; of boots shoes; of specimens of printing and files of "The Wisconsin Times;" of a display of oil and water colors from the studio, and volumes of photographs of classes and buildings; and also of manuscript lessons from the class rooms. In addition to this exhibition in the Manufactures Building, which received favorable notice, the school contributed a book-case, screens, chairs, and stands to the furnishings of the Wisconsin state building at Jackson Park. Many of the pupils visited the Fair individually, during the vacation, and in the month of October the Superintendent took twelve boys on a four day's trip to "The White City."

Congress of Instructors of the Deaf.—A congress of the Instructors of the Deaf, in connection with The World's Congress Auxiliary, convened in the Art Palace, Chicago, July 17th to 24th 1893. The Superintendent of this school was on





A CLASS IN SCHOOL — ONE OF FIFTER.
WISCONSIN SCHOOL FOR THE DEAP. — DREAVAN, WIS.

the committee of arrangements; Hon. J. L. Cleary, of the Board, Hon. L. A. Proctor, of Milwaukee, the Superintendent, Mr. Warren Robinson and Mr. J. S. Long each read papers before the Congress and also participated in discussions and in the general business which followed.

Oral Association.—The fourth summer meeting of the American Association to promote the teaching of speech to the deaf. met at the Chautauqua Assembly grounds, July 3d, to 12th, 1894. It was an occasion of great interest that was largely attended by the representatives of many different schools, and there was much of value in the education of the deaf that had a practical exemplification in the excellent class work, which was displayed. Methods of speech and language teaching were illustrated by some of the best teachers in the country, and nearly every subject of common school study was touched upon. The practice work of the school room, was shown by classes from Northampton, Rochester, Philadelphia and Omaha. This was supplemented by numerous scientific lectures by men and women of note, so that much practical good must result from it. Misses Hobart, Pearce, Maklem and Stevenson, Mr. Gregory and the Superintendent of this school were present as members of the Association, and Miss Hobart read a paper on "The History of Oral Teaching in the Wisconsin School." Much of the increased interest now taken in oral teaching is due to the influence of this Association.

Wisconsin Teacher's Association.—One of the most notable occasions of the past year, in connection with the education of the deaf in Wisconsin, was that in which, pursuant to invitation, the officers of the Phonological Society of Milwaukee, the Principal and teachers of the Milwaukee Day School for the Deaf, the Principal and one of the teachers of St. John's Institute for the Deaf, and Miss Jennie Bright, teacher of the Manitowoc Day School accepted the hospitality of the State School and gave it a fraternal call, Monday May 28th, 1894. The next day an informal meeting was held, and a committee on organization was appointed, of which Hon. R. C. Spencer

was chairman. After deliberation this committee recommended the formation of an association to be called "The Wisconsin Association To Promote the Education of the Deaf." The report of the committee was adopted, and permanent officers were elected as follows:

President,-John W. Swiler.

Vice President,-Paul Binner.

Secretary and Treasurer, -- Miss Iva C. Pearce.

In this manner the new society came into existence, so far as known, the first organization of the kind in any state, and as it is based on the most liberal plan expressed in the idea "the education of the deaf," and is limited only by the boundaries of our own state, the capacity of its members and the extent of their influence, its members reasonably expect the most substantial progress and improvement in the education of the deaf in Wisconsin.

Pursuant to a proclamation by Governor George W. Peck, the school observed Columbus day, October 21st, 1892, in an appropriate manner. The chapel was gaily decorated with the national colors of the United States and of Spain, and the literary exercises consisted of recitations, orations and essays, tableaux and pantomime apropos to the occasion, followed by the distribution of souvenir badges. The celebration was otherwise made interesting by the presence of Colonel Henry Bowman and Hon. J. F. Humphrey, Trustees of the Colorado Institution.

Legislative Committee.—The Legislative committee composed of Hon. F. T. Yahr of Princton, Hon. A R. Hall of Knapp and Hon. J. M. Smith of Mineral Point, carefully inspected the school and its appointments, December 13th, 1892, and in so doing went through all departments.

Holidays.—Thanksgiving, Christmas, New Years day, Arbor day, Decoration day and the other notable days of the year have always been observed with appropriate ceremonies and exercises to interest, amuse and instruct the children.

The Governor's Visit.—At the close of the forty-first term,

June 13th, 1893, the school was honored by a visit from Governor George W. Peck and Mrs. Peck. This afforded the pupils the long desired opportunity of seeing the governor. In an address on the benefits of education, Governor Peck referred to his personal interest in this school and in the town of Delavan, and expressed at the same time much appreciation of our work by commending the intelligent and attractive appearance of the pupils.

Hon. C. D. Parker, in behalf of the Board, presented diplomas to the "class" accompanied by an adress of peculiar and apt significance.

The Last Commencement.—At the close of the last session of the school, June 12th, 1894, a class of superior young men and women received their diplomas at the hands of Hon. W. H. Graebner of your Board who spoke of the educational work of this school and of what the state had a right to expect from those who were enjoying its best gifts. He further enlarged on the generous policy of our state, and spoke of the bright prospects of the "class" before him.

Visit of the State Superintendent.—The school was favored with a visit from Superintendent Ö. E. Wells, in company with President W. D. Parker, of the River Falls Normal School, April 20th, 1894. These gentlemen examined representative classes thoroughly, inspected dormitories and work shop and in the evening reviewed the classes in calisthenics and gymnastics.

Light and Water.—A great improvement in the lighting of the school buildings has been made since the date of the last report by the installation of a storage battery, "The Chloride Accumulator," for an all night light. This battery has been in use since March 20th 1894, without noticeable deterioration of voltage or of capacity. In connection with the lighting, I would say that before the passage of another biennium, a larger dynamo, or an extra armature will be needed to replace the wear on the old one, which has now been

in continuous use for more than five years, and to provide for the contingencies of breakage or overwork.

The connection of the school's water system with the water works of the village of Delavan has increased the water supply and the fire protection many fold. When the work was completed, December 18th, 1893, at the trial before the final acceptance of the system, the pressure was first tested by tank pressure, and then by the pump pressure through two 3-4 pipes; with the first of these water was thrown on the roofs of two of the highest buildings, and, with the full force of the steam pump an elevation of 80 feet was attained with one stream. At the time the new water pipes were laid, two 3 in. standpipes with fire ladders attached, were erected on two of the highest buildings. These standpipes are on the open hydrant line, and are provided with discharges at each floor and also on the roofs.

To recapitulate some of the most needed improvements, I beg to suggest as follows:

I.—A building for manual training.

II.—An isolated hospital building.

III.—New steps or iron verandas for the front of the main building.

IV.—New roofs for the main building and boys' dormitory. V.—A new dynamo.

In conclusion, I beg to refer to the honorable and most excellent record of my assistants and associates during these last two years. In the office and in the domestic service, in the shops and in the class rooms the state has had competent, intelligent, faithful men and women of great activity, with whom it is a pleasure to be identified and whose work it is a privilege to commend to your favorable notice.

Whatever success has attended the operations of this school results largely from the fidelity of those who have carried out the details of its work with so much interest and enthusiasm.

Our thanks are justly due to the railroads in the state for valuable favors in the transportation of pupils; and to the

many members of the "press," who have contributed copies of their publications to the reading room of the school.

In closing this my fifteenth annual report, and of the school the forty-third, I wish to thank you, gentlemen of the Board, for many evidences of personal esteem; and for your hearty approval of the work of the school. It is a pleasure to say, at the end of another two years, that the notable achievements of the last biennial period result, in a great measure, from the co-operation and advice of the members of the board of control.

All of which is respectfully submitted.

JOHN W. SWILER,

Superintendent of the Wisconsin School for the Deaf. Delavan, Wisconsin. October 1st, 1894.

Appendix to the Sixth Biennial Report of the Wisconsin School for the Deaf.

- 1. Movement of population.
- 2. Average monthly attendance.
- 3. Causes of deafness in new pupils.
- 4. Nativity of parents of new pupils.
- 5. Age of new pupils when hearing was lost.
- 6. Age of new pupils at admission.
- 7. Classification and age of the school June, 1994.
- 8. Names of new pupils admitted since September 80, 1893.
- 9. Session roll-September, 1894.
- 10. County representation in school September, 1894.
- 11. Lecture course-forty-third term.
- 12. Course of study for first, second and third classes.
- 18 General order of supervision for the forty-third term.
- 14. Register of the alumni.

Statistical Tables.

Table No. 1.

Movement of population in the Wisconsin School for the Deaf during the biennial term ending September 30, 1894.

·	1893.			1894.				
	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
	 -				·			
Admitted after September, 1892 Re admitted after September 30th,	8	3	6	5	1	6		
1892 and 1893	8		12			9		
Admitted in September Re-admitted in September	13 2	12	24 8	26 2	10 2	36 4		
Total admissions each year Pupils present Sept. 80,'92 and '98.	25 95	20 70	45 165		13 81	55 176		
Total annual attendance	120	90	210	187	94	281		
Graduated in June	2 3	2 2	4 2 8	7	7 1	14 2		
Dismissed as incapable Died at home	2	1	8	1	1 1	2		
Died in school		1	1	2	2	2		
	7	6	13	11	12	28		
Names on the roll Sept. 1893 Absentees Sept. 30, 1894	118 18	84 8	197 21	126 16	82 4	208 20		
Pupils present Sept. 80, '93 and '94	95	81	176	110	78	188		
CAUSES OF ABSENCE.								
Work at home. Sickness. Unknown	8	1 2	9 1 11	2 1 13	1 8	2 2 16		
Total.	18	8	21	16	4	20		

TABLE No. 2.

Average monthly Attendance.

	1893.	1894.		1898.	1894.
October November December January February	170 176 174 177 177		March	177 175 174 174 174 174.4	185 183 181 161 180 183.1

TABLE No. 3.

Causes of deafness in cases admitted during the two years ending September 30, 1894.

Congental Brain fever Measles Fits Scarlet fever Spinal meningitis Abscess in head	8 1 3 9	Teething	1 1 5
Abscess in head	4	Total	10

TABLE No. 4.

Nativity of parents of new pupils.

Norwegian	7 6 5 2	Irish	1 1 8 1
I Olish	*	Total	72

Statistical Tables.

TABLE No. 5.

Age of new pupils when hearing was lost.

Congenital	80	Between 4 and 5 years Between 5 and 6 years	8
Between 2 and 2 years	0	Between 7 and 8 years	
Between 8 and 4 years	6	Total	

TABLE No. 6.

Age of new pupils at date of admission.

At eight years	6 At eighteen years	2 8 6
At ten years	0 At twenty-seven years	1
At fourteen years At flitteen years At fifteen years	5 At fifty two years	1

TABLE No. 7.

Age and classification of the school, based on the attendance September 30, 1894.

14 A. Steinke 13	Class No.	«Teacher.	Number in class.	11 Terms.	10 Terms	9 Terms.	8 Terms.	7 Terms.	6 Terms.	5 Terms.	4 Terms.	8 Terms.	2 Terms.	1 Term.	Average
Total attendance	6 7 8 9 10 11 12 18 14	W. F. Gray A. I. Hobart J. S. Long E. E. Cuppinger I. C. Pearce J. J. Murphy S. W. Gregory Thomas Hagerty E. G. Phoenix M. J. Stevenson E. G. McCoy A. Steinke C. J. Makiem	14 18 17 20 9 19 9 14 10 10 14 13 11			1	1 2	10 8 4 1	2 6 6 7 	8 5 5 1 2 1	5 4 8 1 1 	1 4 8 5 6 		6 10 18 11	6.1 6.2 5.3 8.6 4.1 3.1

^{*}Average age of the whole school September 30, 1894.

Ruth E. Swiler, girls' instructor of gymnastics, all the girls. Thomas Hagerty, boys' instructor of gymnastics, all the boys Lillie M. Sorrenson, instructor in writing and drawing, all the pupils. Helen Ohustad, instructor in sewing and cooking.

For purposes of instruction the school is divided into three sections:

SECTION I —Is at recitation from 8 to 12 A. M., and 1 to 2 P. M.
SECTION II —Is at recitation from 10:30 to 12 A. M., and 1 to 4:30 P. M.
SECTION III.—Is at recitation from 8 to 11 A. M., and 1 to 8 P. M.

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Statistical Tables

TABLE No. 8.

Annual admissions and annual attendance.

Number present Sept. 30th of each year.

Year.	Sept.	New pupile	Total.	Year.	Sept. 30.	New pupils	Total
1852		8	8	1874			17
1853		6	14	1875	135		18
1854		18	31	1876	150	35	19
1855		5		1877	141	21	18
1856		15		1878	128		
1857		12	56	18 79	122	80	18
1858		14	81	1880	156	33	19
1859	. 	16	78	1881	· · · · · · ·	6	17
1860		13	74,	1882	183		24
1861		10	75	1883	203	39	28
1862		14	69	1884	200	28	24
863		21	89	1865	190	41	28
864		. 	80	1886	190	46	28
865		21	91	1887	202	54	24
866		18	104	1888	192	84	22
867		15	108	1889	178	50	22
868		8	95	1890	174	86	21
869		17	112	1891	169	88	20
870		44	144	1892	165	45	21
871	- 1	· 23	149	1893	176	55	28
872		10	164	1894	188	١	
878		32	176	1894 (Nov. 1st)	200		

NAMES OF NEW PUPILS ADMITTED DURING THE YEAR END-ING SEPT. 30, 1893.

Name.

Emma Anderson, Albert Barnes, Joseph J. Beisang, Eliza Brickley, Fred Christianson, Emma Delfoss, Robert Dickson, Henry Daley, Frederica Due, Malinda Errard. George Errard, Barbara Fuerst, Emma Gercke, Clyde H. Graham, Charles Hamre, Adaline Heitzka, Ray M. Higgins, Matilda A. Jacobs, Bertha Kuhen, Achsah Littlefield, Jennie C. Peterson, George Pickles, Loyd L. Rice, Ethel G. Snider, Dennis Sullivan, Daisey Wood, Archie I. Williams, Maud A. Hamilton, Elmer Rolfson, James R. Yost.

Town.

North Cape, Menomonie, Eau Claire, New Richmond, Hickory, Rice Lake, Waneka, Milwaukee. Racine, Fond du Lac. Fond du Lac. Hartford. Reedsville, Friendship, Keyeser, Wittenberg, McDill, Kenosha. Milwaukee, Oshkosh, Grantsburg. Milwaukee, Stevens Point, Waukau. Janesville, Liberty, Gresham. Crivitz. Waterford, Neenah.

County.

Racine. Dunn.) au Claire. St. Croix. Oconto. Barron. Dunn. Milwaukee. Racine. Fond du Lac. Fond du Lac. Washington. Manitowoc. Adams. Columbia. Shawano. Portage. Kenosha. Milwaukee. Winnebago. Burnett. Milwaukee. Portage. Winnebago. Rock. Vernon. Shawano Marinette. Racine. Winnebago.

Statistical Tables.

NEW PUPILS ADMITTED DURING YEAR ENDING SEPT. 30, 1894.

Name.

Edward Nesting, Henry C. Cohler. Konrad Jolitz, Edgar Lawrence, Minne Schaetzel. Herman Wacholtz, Clara Baker, Fridget Dieveney. Nora Landry, Katherine McGarry. Louisa Petrick, Teah J. Thompson, Edoa Tyler, Josie Sitters. Lizzie White. Parl P. Hughes, Harry Aldrich, Aldorlor Bone, Albert Brault, William Brown, Thurman O. Capen, Jam s B. Collins, Herbert C. Commers. John Doro, Roy O. Grinse, Charles Hallada, George F. Hentschel, Charles Hilnovsky, Charles U. Howe, Ole A. Hougstad, John Jastrembski, Frank Ligocki, Fred Neesam, Silas J. Philips, Henry B. Plunkett, Robert Powers, John Roenbach, Albert Reimer, Frank H Russel, Lawrence Schoess, Archie Trudeau, Lester Wells, Decloux, Dellina,

Post Office.

Coon Valley, Fort Howard, Caroline, La Crosse, Waukesha, Milwaukee, Monterey, New Richmond, Woodville, Fond du Lac. La Crosse, Viroqua, Aztalan, Oshkosh, La Crosse, Madison, Milwaukee, Marinette. Coleman, River Falls, Black River Falls. Menomonee, Two Rivers, Berlin. Clinton Ashland, Wrightstown, hacine. Delavan, Glasgow. Ferlin. Milwaukee, Fall River, Blair, Milwaukee, Chicago. Kilbourn, Beloit, British Hollow, Appleton, Ashland, La Crosse, Oconto,

County.

Vernon. Brown. Shawano. La Crosse. Waukesha. Milwaukee. Waukesha. St. Croix. St. Croix. Fond du Lac. La Crosse. Vernon. Jefferson. Winnebago. La Crosse. Dane. Milwaukee. Marinette. Marinette. Pierce. Jackson. Dunn. Manitowoc. Green Lake. Rock. Ashland. Brown. Racine. Walworth. Trempealeau. Green Lake. Milwaukee. Columbia. Trempealeau. Milwaukee.

Columbia.
Rock.
Grant.
Outagamie.
Ashland.
La Crosse.
brown.

SESSION ROLL, SEPTEMBER, 1894.

Name.	Town.	County.	Ad't'd.
Adleman, Clara	Oakley	Green	1891
Amondson, John	Deer Park	St. Croix	1893
Anderson, Huldah	Holmen	La Crosse	1890
Ault, Charles	Monroe	Green	1893
Aldrich, Harry B	Milwaukee	Milwaukee	1894
Anderson, Emma	North Cape	Racine	1898
Behrholz, Henry	Appleton	Outagamie	1892
Blumka, Rudolph	Verona	Dane	1891
Brattan, Blanche	Rudolph	Wood	1883
Broten, Laura	Hudson	St. Croix	1888
Buckley, Mary	Stark	Manitowoc	1893
Burnett, Maud	Eau Claire	Eau Claire	1892
Buxton, Minnie	Viroqua	Vernon	1890
Buxton, Lillie	Viroqua	Vernon	1890
Baker, Clara	Monterey	Waukesha	1894
Barnes, Albert	Menomonie	Dunn	1894
Beisang, Joseph	Eau Claire	Eau Claire	1894
Bone, Aldolor	Marinette	Marinette	1894
Brault, Albert	Coleman	Marinette	1894 1893
Brickley, Eliza Brown, William	New Richmond	St. Croix	1894
blown, wintam	River Falls	Pierce	1004
Callaway, Hattie	West Lima	Richland	1888
Cameron, Duncan	La Crosse	La Crosse	1891
Campbell, John M	Wiota	La Fayette	1890
Carney, Julia	Kenosha	Kenosha	1888
Childs, Clara	Prescott	Pierce	1889
Crehan, Maggie	Prairie du Chien	Crawford	1886
Creuzer, Julia	Alma	Buffalo	1889
Collins, James	Menomonie	Duon	1894
Capen, Thurman O	Black River Falls	Jackson	1894 1893
Christianson, Fred	Hickory	Oconto	1893
Cohler, Henry	Fort Howard Two Rivers	Brown	1894
Commers, Herbert	I WO MIVEIS	Manitowoc	1001
Danewscefski, August.	Muskego	Waukesha	1888
Devine, George	Manitowoc	Manitowoc	1886
Dowe, Walter	Horicon	Dodge	1493
Downey, Patrick	Hollandale	Iowa	1891
Drumm, August	Fond du Lac	Fond du Lac	1891
Daley, Henry	Milwaukee	Milwaukee	1893
Dieveney, Bridget	New Richmond	St. Croix	1894
Dickson, Robert	Waneka	Dunn	1893
Doro, John	Berlin	Green Lake	1894

Session Roll, 1894.

Name.	Town.	County.	Ad't'd.
Decloux, Delina	Oconto	Oconto	1894
Due, Frederika	Racine	Racine	1893
Eckerson, Bertha	Delavan	Walworth	1887
Einolf, Annie.	Chilton	Calumet	1889
Erickson, Edward	Niles	Manitowoc	1890
Erickson, Mary	Niles	Manitowoc	1890
Ethnoge, May Belle	Merrill	Lincoln	1887
Errard, Malinda		Fond du Lac	1893
Errard, George	Fond du Lac	Fond du Lac	1893
Fedkenheuer, William.		Dane	1890
Fenendahl, Ernest	Gardiner	Door	1890
Fenske, Rudolph	Shawano	Shawano	1890
Fisk, Leon.	Delavan	Walworth	1893
Fleming, Gertie	Jefferson	Jefferson	1889
Fuerzst, Barbara	Hartford	Washington	1893
Gilkey, George	Oconto	Oconto	1890
GOD, James.	Stoughton	Dane	1884
Goff, Milton	Stoughton	Dane	1886
Grebel, Emma	Beaver Dam	Dodge	1887
Grimse, Roy O	Clinton	Rock	1894
Harter, Frank	Milwaukee	Milwaukee	1890
reibner, August	Monroe	Green	1888
Helbher, Louise	Monroe	Green	1888
nerald, Clarence	Oconto	Oconto	1890
Hermann, Oscar		Sheboygan	1892
Hermanson, Willie	Waupaca	Waupaca	1892
Herrick, Arilla	East Troy.	Walworth	1889
Hinze, Martha. Hopkins. Nettie.	Sheboygan	Sheboygan	1891
Horne, George.	Weyauwega Whitewater	Waupaca Walworth	1889
Huhn, Elizabeth	Racine	Racine	1885 1888
Hallada, Charles	Ashland	Ashland	1894
Hamilton, Maud	Crivitz	Marinette	
nentschel, George	Wrightstown	Brown	1894
niggins, Rav	.l McDill	Portage	1898
THEOVERY. (Ther Ins.	Racine	Racine	1894
Heitzka, Adaline	Wittenberg	Shawano	1893
Houghstad, Ole. Hanson, Hans.	Glasgow	Trempealeau	1894
Hamre, Charles	Keyeser	Columbia	1887
Howe, Charles	Keyeser Delavan	Columbia Walworth	1893 1894
Hughes, Pearl	Madison	Dane	1894
Irving, Thomas	Kenosha		1887
Jacobson, Carrie A	Dahallo	Varnon	1200
occooline .	Ean Claire	Vernon Eau Claire	1892 1887
vaccous, Agraes	l Kanceha	Kenosha	1887
Jastremski, John	Berlin		

Name.	Town.	County.	Ad't'd.
Jerdee, Malina Johnson, Alba L Jones, Tracey	NoraLa CrosseDarien	Dane La Crosse Walworth	1890 1892 1886
Jolitz, Konrad	Caroline	Shawano	1893
Keyes, William	East Troy Bevent Menomonie Milwaukee Oshkosh La Crosse Dale Bloomer Porcupine	Walworth Marathon Dunn Milwaukee Winnebago La Crosse Outaganie Chippewa Pepin	1884 1889 1890 1886 1887 1889 1889 1894
Kuehn, Bertha	Milwaukee	Milwaukee	1893
Landry, Joseph. Landry, Minnie. Landry, Nora. Luebke, Helen Luebke, Oscar. Lyon, William. Lawrence, Edgar Ligocki, Frank Littlefield, Achsah.	Woodville	St Croix St. Croix Manitowoc Manitowoc Lincoln La Crosse Milwaukee Winnebago	1888 1894 1892 1891 1892 1893 1893 1894 1893
Maertz, Ernest Malloy, William Meehan, Arthur Michael, Fannie Morreau, Severine Molster, Mary Mullen, Joseph Murnen, Margaret McChesney, Hallie McCloud, Oscar McGuire, Francis McGarry, Kate	New London Milwaukee Darlington Princeton. Chippewa Falls Merton Shullsburg Springdale Turtle Lake. Fox Lake. Chippewa Falls Fond du Lac.	Waupaca Milwaukee La Fayette Green Lake Chippewa Waukesha La Fayette Dane Barron. Dodge Chippewa Fond du Lac	1888 1890 1883 1892 1885 1886 1897 1690 1889 1887 1690 1894
Napel, Frederick Negus, Ida Nehring, Ida Nelson, Georgiana Nicholls, John Newell, Cora Nilson, Nicholas Nimke, Matilda Nortbrop, Annie Nys, Julius Neesam, Frederick Nesting, Edward	Oshkosh Jefferson. Tusten Chippewa Falls Eau Claire. Eau Claire. Taylor. Berlin Platteville. Green Bay. Fall River Coon Valley.	Winnebago Jefferson Waushara Chippewa Eau Claire Fau Claire Jackson Green Lake Grant Brown Columbia Vernon	1889 1890 1885 1888 1889 1890 1883 1889 1891 1889 1894 1893
Olson, Karl J	Eau Claire	Eau Claire	1888

Session Roll, 1894.

Name.	Town.	County.	Ad't'd,
O'Leary, Stephen	Eau Claire	Eau Claire	1887
O'Rourke, Patrick		Monroe	1887
O'Brien, Annie	Irving	Jackson	1886
Ostrander, Gertrude	Boscobel	Grant	1894
Paine. Jennie	Brooklyn	Green	1893
Parish, George	Milwaukee	Milwaukee	1884
Parelock, Mary	. Marion	Waupaca	1891
Peterson, Katrine		Polk	1889
Pocan, Henry	Marinette	Marinette	1889
Porsorski, Stanislaus.	Berlin	Green Lake	1887
Petrick, Louise	La Crosse	La Crosse	1894
Phillips, Silas	Blair	Trempealeau	1894
Plunkett, Henry	. Milwaukee	Milwaukee	1894
Powers, Robert	. Chicago	Cook, Co. Ill	1894
Rasmus, Amelia	Bloomer	Chippewa	1892
Kedmund, Walter	Neillsville	Clark	1886
Keinke, Emil	. Van Dvne	Fond du Lac	1887
Khode, Henry.	. Wautoma	Waushara	1888
Rollson, Charles	Waterford	Racine	1887
Kolison, Elmer	Waterford	Racine	1898
ryan, Joseph.	Argyle	La Fayette	1891
nyan, Patrick	. Milwaukee	Milwaukee	1888
Reimer, Albert	Beloit	Rock	1894
Rhoenbach, John	. Kilbourn City	Columbia	1894
Rice, Lloyd	Stevens Point	Portage	1898
Russel, Frank	. British Hollow	Grant	1894
Schaus, Nellie	. Gréen Bay	Brown	1892
ochumacher Alice	. Racine	Racine	1887
Schumacher, Velma	Racine	Racine	1887
Schweiger, Minnie	. Jefferson	Jefferson	1892
Scott, Elizabeth	. Knapp	Dunn	1891
Seagert, Amelia	. Wauzeka	Crawford	1892
Smith, Ferdinand	. Arcadia	Tre npealeau	1891
Sokel, Joseph	. Milwaukee	Milwaukee	1892
Springer, Charles	Eau Claire	Eau Claire	1892
Stendahl, Alfred Stiles, Mary	. Pigeon Falls	Trempealeau	1882
Sutliffe, Ralph	Beloit	Rock	1886 1891
Swanson, Fred.	Boyceville	Dunn	1887
Schaetzel, Minnie	Mason	Waukesha	1898
OCHOESS, LAWTONCO.	.l Appleton	Outagamie	1894
oulder, Ethel	Wankan	Winnebago	1898
Sullivan, Dennis	Janesville	R ck	1898
Thompson, Josephine.	3	Varuon	1894
Topping. Albert	Viroqua	Vernon	1888
Tousey, Isabel	Arnott	Portage Winnebago	1891
"" uudau. Archia	Ashiand	Ashland	1894
Tyler, Edna	Aztalan	Jefferson	1894

Name.	Town.	County.	∆ d't'd
Wartzok, Rosa Weed, Sylvia	Sauk City	SaukDunn	189
Wegen, Simon O Williams, Mary V	Clarks Mills		1890 1896
Winkleman, Gustav Wood, Emery	Milwaukee	Milwaukee Dane	1885 1887
Woolhouse, John Wells, Lester White Elizabeth	La Crosse	Barron La Crosse La Crosse	1892 1894 1894
Williams, Archie Wood, Daisy	La CrosseGreshamLiberty	Shawano Vernon	1893 1893
Wolf, Herman	East Farmington	Polk	1889
Yaeger, Otto Yost, James	Merrill Neenah	fincoln Winnebago	1886 18 9 3
Zentzis, Otis T	New Centerville	St. Croix	1891

Lecture Course.

LECTURE COURSE

At the Wisconsin School for the Deaf for the Forty-third Term.

rigin and Necessity of Government	Nov.	2d.	W. Robinson.
"" Doub Done Animala	**	9th.	W. F. Gray.
~P************************************	"		J. S. Long.
okub ocelno in Furono	**	28d.	
/ •···································	**		T. Hagerty.
	Dec.		
Different Forms of Government	, Dec.		W. Robinson.
Fish and Reptiles.	17		W. F. Gray.
Charles Dickens.	,,	28th	
Art and Architecture	T		
Art and Architecture	Jan.	4th.	
Manufacture and Use of Clocks	"	lith.	T. Hagerty.
Earth and Man.		18th.	J. J. Murphy.
or the United States			
and of Wisconsin	"	25th.	
Dirda	Feb.	1st.	W. F. Gray.
" would know that he	"	8th.	J. S. Long.
" "PO OUL Frederick the Lifest Sind Will			_
DEATH 1	"	15th.	E. E. Clippinger.
A ULILLY Kalsino	,,	21st.	T. Hagerty.
	March	1st.	J. J. Murphy.
THE COUNTINES OF WISCONSIN	"	8th.	
Quadrupeda.	"		W. F. Gray,
ACULY W. LANGEALLAND	"	22d.	J. S. Long.
Mythology.	,,	29th.	
Faira.	A muil	5th.	T. Hagerty.
The Story of Tanan	April		
The Story of Japan		12th.	J. J. Murphy.

These lectures will be given to the more advanced pupils of the school, in the Chapel on successive Friday evenings at 7 P. M.

COURSE OF STUDY FOR CLASSES I, III, AND V.

The Instruction of the First, Third and Fifth classes has been so arranged that each class recites to three teachers, in their different subjects of study, during the successive recitation hours of the day in the following order:

To Mr. Robinson — in Physics, History, Geography and Physiology.

To Mr. Long — in Composition, Grammar, and English Literature.

To Mr. Gray - in Arithmetic.

The following is the schedule of studies for classes I, III, and V. during the current year:

CLASS I. 10TH YEAR.

First Period — Shaw's Physics, English History, Townsends' Civil Government, and Gows' Manners and Morals.

PROF. ROBINSON.

Second Period - Felters' Advanced Arithmetic finished - Reviews.

PROF. GRAY.

Third Period—Swineford's English Literature for Beginners and Kerls' Grammar twice a week. Daily Compositions— Essays once a week.

PROF. LONG.

CLASS III. 8TH YEAR.

First Period - Feltons Intermediate Arithm:

Advanced Arithmetic begun.

PROF. GRAY.

Second Period — Barnes' or Swintons's "Language;" Journal; Reading from Periodicals.

Prof. Long.

Third Period — General History and Physiology.

PROF. ROBINSON.

CLASS V. 6TH YEAR.

"How to Talk;" Phrases; Journal and Reading — Harper's
 Reader three times a week.

PROF. LONG.

Second Period—Colton's Geography beginning with S. Am.—Eggleston's Primary Young Folks U. S. History.

PROF. ROBINSON.

Third Period — Felter's Intermediate Arithmetic. — Fractions begun after Reviews.

PROF. GRAY.

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The Alumn.

THE ALUMNI OF THE WISCONSIN SCHOOL FOR THE DEAF.

Name.	Occupation.	Residence.
1861.		
Thomas A. Jones	Carpenter	Palmyra.
Alphonso Johnson	Teacher	, N. Y.
George Taylor	Jeweler	Chicago, Ill.
Washington Farrer	Farmer	Pipe Stone, Minn.
James Dudley	Painter	Delavan.
1862.		
Benj. Baird		Minneapolis.
Charles Clarkson		Redfield, S. D.
Harvey Rolfe		DePere
Matthew O'Neil		
Amelia Bishop		Neenah.
Sarah Fountain		Sugar Creek.
1865.		Sugar Cross.
Theodore Benneck		
Charles Bishop*		Neenah.
John Downey	Trunk maker	Milwaukee.
	Farmer	
Volena Barry		
1866.		
Philip Engelhardt	Pattern maker	Milwaukee.
Antony Kull*		Geneva.
William Sullivan	Cabinet maker	Minneapolis.
Cassius Scofield	Mail carrier	Idaho.
Martha Scofield*[Jarvis]		Neenah.
Anna Harrison	· <u>··</u> ·····	Two Rivers.
Julia McCoy	Farmer	Nebraska.
Adelia Perry		Chicago, Ills.
1868.	_	
Christopher Byrne	Farmer	Near Faribault, Minn.
Louis Dyerson	Farmer	McFarland.
Henry Kirchoff	Cooper	Milwaukee.
Charles Keed	Postmaster	Menasha.
Electa DeFrees	• • • • • • • • • • • • • • • • • • • •	Chicago.
Francis Hawley		
Amelia Jermark		
Louisa Short		
Sarah Taylor		
Emma enny		Richland Centre.
Belle Thompson		Minneapolis, Minn.
James C. Balis	Teacher	Belleville, Ont.
Charles Demarais		Fond du Lac.
Dennis Durick.	Laborer	Merrill.
George French	Farmer	La Crosse.
Alfred Goold	Foreman Harness Shop	Racine.
Joseph Mosnot	Printer	Kansas City.
Theodore Stone	Farmer	Near Eau Claire.
Wales Trowbridge	Shoemaker	Stevens Point.
	MINCHIGHET	DUTCHO I CIMU

[•] Deceased.

*Deceased.

School for the Deaf.

The Alumni of the Wisconsin School for the Deaf-Continued.

Maggie Hutton* Euphemia Vedder* [Englhardt] Agnes Rutherford	
[Englhardt] Berlin. Agnes Rutherford Milwaukee. 1871. Stephen Babcock Farmer Boscobel. 1873. Frank Hutson. Machinist Tacoma, Washing David Spencer Farmer Boscobel Sheboygan. Phoebe Smith Mazomanie. Phoebe Smith Mazomanie. 1873. Briggs, Urban. Farmer White Rock, S. D. Bartholomew, Anna Near Eau Claire. Christie, Marg. (Briggs) Printer Manitowoc. Harrison, Halge* Printer Irontown. Murphy, James J. Teacher. Delavan. Rutherford, James. Student Lake Mills. Rutherford, Ada (Gould) Racine 1874. Blair, Oliva (Klug.) Reeseville. Germon, Frederick Shoemaker Deerrield. Meinert, Garret. Carpenter Albany. Klug, August Farmer Reeseville. Tennew, Helen*. Racine Shoboygan. Tenney, Helen*. Ricland Center. Tetzlaff, Charles Knot Sawyer Marinette. Tschudy, Joehua Farmer New Glarius. Tyler, Edwin Farmer New Glarius. Tyler, Edwin Farmer Remer Aztalan. 1876. Bishop. Ada. Bisir, John Ads. Bushnell, Louis. Shoemaker Rockford, Ill. Oshkosh.	
Agnes Rutherford 1871. Stephen Babcock 1872. Frank Hutson. David Spencer Fred Weller. Phoebe Smith. Statie Meinert. 1873. Briggs, Urban. Bartholomew, Anna Christie, Marg. (Briggs) Harrison, Halge* Murphy, James J. Rutherford, James Rutherford, James Rutherford, Ada (Gould) 1874. Blair, Oliva (Klug.) Germon, Frederick. Blair, Garret. Klug, August Farmer Richard, Carpenter Riplinger, Hiram Tenney, Helen* Tetzlaff, Charles Tyler, Edwin 1876. Bishop. Ada. Blair, John Drinkwine, Alex Bushnell, Louis. Shoemaker Rock, S. D. Manitowoc. Farmer Manitowoc. Printer Manitowoc. Reeseville. Meinert, Garret. Carpenter Albany. Reeseville. Sheboygan. Ricland Center. Reeseville. Reeseville. Sheboygan. Reeseville. She	
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Printer Meller. Sheboygan. Phoebe Smith Mazomanie. Statie Meinert. Albany. 1873. Briggs, Urban Farmer White Rock, S. D. Bartholomew, Anna Near Eau Claire. Christie, Marg. (Briggs) White Rock, S. D. Harrison, Halge* Printer Manitowoc. Moon, Simpson, Farmer Irontown. Murphy, James J. Teacher. Delavan. Rutherford, James Student Lake Mills. Rutherford, Ada (Gould) 1874. Blair, Oliva (Klug.) Germon, Frederick Shoemaker Deerrield. Meinert, Garret. Carpenter Albany. Klug, August Farmer Reeseville. Riplinger, Hiram Printer Sheboygan. Tenney, Helen* Ricland Center. Tetzlaff, Charles Knot Sawyer Marinette. Tschudy, Joshua Farmer New Glarius. Tyler, Edwin Farmer New Glarius. Aztalan. 1876. Bishop. Ada. Kenosha. Blair, John Antioch, Ill. Drinkwine, Alex Oshkosh. Ernst, Edwin* Cigar-maker Oshkosh.	ton.
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Murphy, James J. Teacher. Delavan. Rutherford, James Student Lake Mills. Rutherford, Ada (Gould) 1874. Blair, Oliva (Klug.) Germon, Frederick Shoemaker Deerrield. Meinert, Garret. Carpenter Albany. Klug, August Farmer Reeseville. Riplinger, Hiram Printer Sheboygan. Tenney, Helen* Ricland Center. Tetzlaff, Charles Knot Sawyer Marinette. Tschudy, Joshua Farmer New Glarius. Tyler, Edwin Farmer Aztalan. 1876. Bishop. Ada Kenosha. Blair, John Antioch, Ill. Drinkwine, Alex Oshkosh. Bushnell, Louis. Shoemaker Rockford, Ill. Ernst, Edwin* Cigar-maker Oshkosh.	
Murphy, James J. Teacher. Delavan. Rutherford, James Student Lake Mills. Rutherford, Ada (Gould) 1874. Blair, Oliva (Klug.) Germon, Frederick Shoemaker Deerrield. Meinert, Garret. Carpenter Albany. Klug, August Farmer Reeseville. Riplinger, Hiram Printer Sheboygan. Tenney, Helen* Ricland Center. Tetzlaff, Charles Knot Sawyer Marinette. Tschudy, Joshua Farmer New Glarius. Tyler, Edwin Farmer Aztalan. 1876. Bishop. Ada Kenosha. Blair, John Antioch, Ill. Drinkwine, Alex Oshkosh. Bushnell, Louis. Shoemaker Rockford, Ill. Ernst, Edwin* Cigar-maker Oshkosh.	
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Blair, Oliva (Klug.) Germon, Frederick Meinert, Garret. Klug., August Riplinger, Hiram Tenney, Helen* Tetzlaff, Charles Tyler, Edwin Bishop. Ada. Blair, John. Drinkwine, Alex Bushnell, Louis. Blair, Oliva (Klug.) Shoemaker Carpenter Albany. Reeseville. Sheboygan. Ricland Center. Marinette. New Glarius. Farmer Aztalan. Kenosha. Blair, John. Oshkosh. Bushnell, Louis. Shoemaker Rockford, Ill. Cigar-maker Oshkosh.	
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Riplinger, Hiram	
Tenney, Helen*. Tetzlaff, Charles Knot Sawyer Marinette. Tschudy, Joshua Farmer New Glarius. Tyler, Edwin Alex Oshkosh. Bishop, Ada Kenosha. Blair, John Antioch, Ill. Drinkwine, Alex Oshkosh. Ernst, Edwin* Cigar-maker Oshkosh.	
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Tschudy, Joshua. Farmer New Glarius. Tyler, Edwin Farmer Aztalan. 1876. Bishop. Ada. Kenosha. Blair, John Antioch, Ill. Drinkwine, Alex Oshkosh. Bushnell, Louis. Shoemaker Rockford, Ill. Ernst, Edwin* Cigar-maker Oshkosh.	
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Bishop. Ada	
Bishop. Ada	
Blair, John. Antioch, Ill. Drinkwine, Alex. Oshkosh. Bushnell, Louis. Shoemaker Rockford, Ill. Ernst, Edwin*. Cigar-maker Oshkosh.	
Drinkwine, Alex Oshkosh. Bushnell, Louis Shoemaker Rockford, Ill. Ernst, Edwin* Cigar-maker Oshkosh.	
Bushnell, Louis. Shoemaker Rockford, Ill. Ernst, Edwin*. Cigar-maker Oshkosh.	
Ernst, Edwin* Cigar-maker Oshkosh.	
Hunnell, A. (Mrs. Tyler). Aztalan.	
Jonnson, M. (Mrs. Taller). —, Nebraska.	
Larson, Lars M Principal of school Sante Fe, N. M.	
Stillwell, May (Bishop)	
Tolles, George. Nebraska.	
White, William Section hand Mazomanie.	
Barker, Sidney Barber Minneapolis, Min	ın.
Bœckman, Ernest	•
Barnhart, Charles	

The Alumni.

The Alumni of the Wisconsin School for the Deaf-Continued.

Name.	Occupation.	Residence.
Bailey, Lydia		
Cork, Hugh		Minneapolis, Minn.
Conery. Philip	Barber	Reese ville.
Grosnick, Henry	Farmer	Kansas.
Henry, Charles	rarmer	Fontana.
Iceke) Coopee	Tailor	Lake Mills.
McKee May (Conery)	1.8.11OF	
O'Connell Dennie	,	100000 11110
Overton File		Antioch, Ill.
Reed Harry	· · · · · · · · · · · · · · · · · · ·	Menasha.
1878.		
		Baraboo.
Dill, John		
Deubel, Edmond	Cooper	Watertown.
Englert, Leonard	Shoemaker	Carney, Mich.
Gunderson, Gunder		
Ryan. Michael	Roundhouse foreman .	Portage.
Worden. George	Farmer	Richland.
White, Elizabeth	Farmer	Mazomanie.
Sampson, Eric	Farmer	Norway Grove.
1879.	Wasahan	Dela
	Teacher	Delavan.
1880.		
		Shawano.
Rossman Emma (Ewing)		
Derby, N. E., (Derby)		Sioux City, Ia.
Eberhart Mary (Techudy)		New Glarius.
Scott, Charles W	Farmer	Brothertown.
1881.	1	
Clark, Myron J		
Cullen, James F	Shoemaker Lumberman	Belvidere.
Falk, Edward J	Lumberman	Wausau.
Foy. Thomas.	Shoemaker	
Williams Cynt. (Tetzlaff)		
Hackett, Mary J. (Coke)		Penn.
1882	Manahan	Obias no TII
Griswold, Mary E	Teacher	Chicago, Ill.
Gorey, Dennis	Tailor	Chicago, Ill.
Weller, Emil		Chicago, Ill. Watertown.
1883.		, valerown,
Bacon, Lottie E. (Eng'dt.)	Printer	Milwaukee.
Calkins, William	Printer	Baraboo.
Dickson, Nellie (Falk)		
Florey, Elmer L	Farmer	Blair, Neb.
Peplenski, Egnitz	Farmer	
Gromacki, L. W	Laborer	
*Decement		

^{*}Deceased.

The Alumni of the Wisconsin School for the Deaf .- Continued.

Name.	Occupation.	Residence.
Companies Assessed	Commen	Chahanan
Sonnenberg, Augustus	Carpenter	Sheboygan. Hubbleton.
Hubner, A. W Ringrose, E. (Popki)	Farmer	Humbird.
1884.		numbra.
Carney, Simon P*	Shoemaker	Racine.
Dahl, John	Carpenter	Chicago.
Larsen, Christian	Farmer	Rio.
Hagerty, Thomas	Teacher	Delavan.
1885.		
Coughlin, Kate E	Printer	Fond du Lac.
Dudley, Elly (Riley)	- <u></u>	St. Paul, Minn.
Round, Ben F	Editor	Akron, Iowa.
1886.		~ .
Dimick, Richard E	***	Coloma.
Henry, Adron T	Farmer	Fontana.
Miller, S. S. (Karges)	E	Burlington.
Udall, Ralph		St. Louis, Mo. Marshall
1888.	Liveryman	marshari
Cowham, L E. (Bushnell)		Rockford, Ill.
Hibbard, George R		Waupaca
Morrissey, Frank		Appleton.
Hibbard, L. (Stickles)		Duluth, Minn.
Hibbard, Violet (Angle)		West Superior.
		Sheboygan.
Parker, C. A. (Henry)		Fontana.
Parker, Myra	l	Merrill.
1889.		
Coughlan. Joseph		Chicago.
Cusaca, William H		Washington, D. C.
Cashman. Alfred	Barber	New Richmond.
Hagerty, Mary		Delavan.
Bailey, L. M. (Hagerty)		Delavan.
Diesburg, L. A. (Worswi'k)		Sioux Falls, Dak.
Eisfeldar, Hugo A	Jeweler	Hoscobel.
Esselstyne, Irma M.,	Printer	Fort Atkinson.
Herr, Peter	Lithographer	Milwaukee.
Langland, L. (Brimble)		Chicago.
Morey, Lillie E	Artist	Appleton.
Ruka, Emma L		Boscobel.
Wachuta, Joseph d	Supervisor	Delavan.
Williams, Wallace R	Student	Washington, D. C.
Ward, N. E (Johnson)		Racine.
Allikson, Sievert	Carpenter	Westby.
Carney, Thomas	Farmer	Bristol.
Dowling, Michael	Printer	Baraboo.
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The Alumni.

The Alumni of the Wisconsin School for the Deaf.—Continued.

Name.	Occupation.	Residence.	
Gallagan. Bernard	Farmer	Darlington.	
Gierloff, Frederick	Farmer	Walworth.	
Hanson, Edward	Lumberman	Opalaska.	
May Edward*	Printer	Fort Atkinson.	
O'Neil, William J	Shoemaker	La Crosse.	
William, Roth	Carpenter	Westfield.	
Torgerson, Gustav 1892.	Shoemaker	Milwaukee.	
Bohling, William	Painter	Sheboygan.	
Dickey, Chauncey	Carpenter	Neillsville.	
Hayford, Charles W	Farmer	Wrightetown.	
Kimball, Philip C		Lake Geneva.	
		La Crosse.	
Phillips, Aleada B	•••••	Milwaukee.	
Groom, Frances B	; 	Cassville	
Mittlesdorf, Gustav	Harness maker	Plymouth.	
		Millard.	
Ruh, Herman	Harness maker	Plymouth.	
Conrad, James W	Student	Washington, D. C.	
Freiberg, Albert		Sheboygan.	
Kirst, Louis	Student	Washington, D. C.	
May, Helen.		Fort Atkinson.	
Meyers, George C		Weyauwega.	
Nelson, Edwin W	Farmer	Fontency.	
Parish William L	Carpenter	Patch Grove.	
Powers, Mary L		Colfax.	
Reynolds, r'rancis J	Student	Washington, D. C.	
Richter, Emma L		Janesville.	
Rosenbeng, Bertha E		Elk Mound.	
Schildhauer, Ellen		New Holstein.	
Stout, Sophia M		Ross.	
Wartzoki, Anna		Sauk City.	

Deceased.

TERMS OF ADMISSION.

The Wisconsin School for the Deaf, which has a healthful and beautiful location at Delavan, on the southwestern division of the Chicago, Milwaukee & St. Paul railway, is maintained by the state of Visconsin for the education of those children within her borders who, on account of deafness, are unable to receive instruction in the common school. It has three departments:

First The school proper, in which the pupils are taught writing, reading, 'composition, arithmetic, geography, history, natural science, penmanship, drawing, speech-reading and oral speech. The course of training also includes calisthenics and gymnastics for both boys and girls.

Second—The shops, where the pupils are taught printing, cabinet-making, shoe-making, and baking.

Third—The domestic department, in which pupils discharge various household duties, and learn baking, sewing, dress-making and cooking.

The law provides that all deaf residents of this state, of proper age and suitable capacity to receive instruction, shall be received and taught free of charge. The regular course of instruction occupies about ten years.

The day is divided into hours for labor, study and recreation, with the design of securing habits of industry, and of promoting health, as well as intellectual and moral development. No leave of absence is granted during the term, except in case of sickness or extreme necessity.

Upon request, a blank form of application is sent to those desiring to send children to the school; and no child should be sent or brought to school until the application, properly filled, has been accepted and notice of the same returned to the person making application.

Candidates for admission should not be under eight, nor more than twenty years of age, of sound moral principles, and good physical health.

Imbecile, idiotic, or feeble minded children will not be received.

Each pupil should be provided with a trunk containing a year's supply of plain, comfortable clothing, marked in indellible ink, with the name in full.

The annual session begins the second Wednesday in September and continues forty weeks. The proper time for the admission of pupils is the beginning of the term, and parents should make every effort to secure their presence at that time.

Except in cases of sickness, all pupils are expected to remain during the entire term; but the superintendent may require the removal, at

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WISCONSIN SCHOOL FOR THE DEAP. - DELAVAN, WIS.

Terms of Admission.

any time, of pupils whose condition, moral, mental, or physical, is not such as to warrant their continuance.

The summer vacation extends from June to September. Pupils are sent home promptly at the close of the term, accompanied to prominent railroad points by messengers from the institution. Friends will be expected to meet them at places designated.

Ten terms will be required to complete the course of study by most of those without previous instruction.

All letters and packages for pupils should be marked "Wisconsin School for the Deaf, Delavan, Wis." Express matter and telegrams should be prepaid.

Letters in regard to pupils, applications for admission and inquiries in regard to deaf children or their education, should be addressed to JOHN W. SWILLER, Superintendent,

Delavan, Wis.

STATEMENT OF CURRENT EXPENSE FUND - 1893.

1892.			
Oct. 1. 1893.	Balance		\$23,289 31
April 15.	Appropriation, chapter 152, laws of 1893		81,000 00
Sept. 30. 1893.	Steward for sundries		1,575 57
July 19.	Transferred for expenses of Board of Control		
Sept. 30.	Paid on account of current expenses this year		
Sept. 30.	Bal. app'n in state treas\$62,613 83	ŕ	
Sept. 30.	Bal. in hands of		
			••••••
	Less overdraft on treas- urer of institution 4 05	62,709 95	
		\$105,864 88	\$105,864 88
	1 , , , , , , , , , , , , , , , , , , ,	<u> </u>	<u> </u>

STATEMENT OF CURRENT EXPENSE FUND — 1894.

1893.			
Oct. 1. 1894.	Balance		\$62,709 95
Sept. 30. July 9.	Steward for sundries		1,289 17
	of Control	\$1,536 78	
Sept. 30.	penses this year	40,596 69	
Sept. 30.	Balance appropriation in state treasury	 	
Sept. 30.	Balance in hands of treas-		
Sept. 30.	Balance in hands of stew-		l
	ard of in titution 17 53	21,865 65	
1004		\$ 63,999 12	8 63,999 12
1894. Oct. 1.	Balance		\$21,865 65

Special Appropriation Funds

STATEMENT OF SPECIAL APPROPRIATION FUNDS.

CLASSIFIED ITEMS.	Balance available Oct. 1, '92.	Appropriations	Covered back into state treasury.	Expended during biennial pericd.	Balance available Sept. 30, 1894.
Purchase of real estate	\$ 1,000 00] .	\$ 1,000 00		\$ 2,966 75
Totals	\$1,000 00	\$ 4,000 0 0	\$1,000 0 0	\$1,033 25	\$2,966 75

STATEMENT OF
At the Wisconsin School for the Deaf

CLASSIFIED ITEMS.	Inventory September \$0, 1892.	Purchased during the year.	Trans- ferred to this ac- count.	Total.
				
Amusement and instruc	43.44.00	4404 00	400 -0	40 10
tion		\$401 97		
Barn, farm and garden.	1,162 40	140 40	08.48	1,823 06
Clothing	276 52			520 15
Discount		100 10	••••••	148 18
Drug and medical dept.		000 00		5,957 92
Engines and boilers Freight and express (not		200 02	• • • • • • • • •	0,801 84
classified)		28 87		26 67
Fire apparatus				283 50
Fuel	1,235 00			7,602 69
Furniture	4,958 60	893 57		5,410 67
Gas and other lights	4,428 04		400 00	4,964 81
House furnishing	5,876 88	1.001 26		6,377 59
Laundry	903 95	196 73	27 90	1,128 58
Library	1,464 00	157 92	88 58	1,690 50
Machinery and tools	629 91	18 36		648 27
Miscellaneous		471 48	7 25	668 23
Officers' expenses		120 82		120 32
Printing office	957 93	142 70	500 00	1,600 63
Printing, postage, sta-		'	i	
_ tionery and telegraph	40 85	329 28 ,	28 75	39 3 88
Real estate, including		İ		440.000.44
_ buildings, etc	110,618 41	.,	60 00	110,673 41
Repairs and renewals	1,016 72	1,781 68		2,748 40
Shoe shop	1,136 08	595 16	601 50	2,882 74
Subsistence		9,188 98	480 86	10,087 21
Wages and salaries		19.808 48		19,308 48
Corrections, inventory,		ĺ		
1893		· · · · · · · · · · · · · · · ·	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
Totals	9 149 011 14	441 707 50	6 9 989 51	\$187,082 24
Discounts, etc	₱140,U11 14	89 44	\$6 ,000 01	\$101,000 21
2.50001100, 600			•••••	•••••
		\$4 1, 6 18 15		148,514 28
Net expenses		. 		\$88,568 01

Add amount assigned to this institution and set apart, by the Secretary of

Current Expenses,

CURRENT EXPENSES

for the fiscal year ending September 30, 1893.

September .	Cash re- ceived on this account.	Transferred from this account.	Total.	Gained.	Expended.
15 50 5,657 80	\$561 20 156 87	71 10	71 10 75 50 5,657 80	71 10	\$259 72 123 25 127 63 300 12
281 00 2,175 00 5.050 20 3,662 25 5,705 14 920 95 1,690 50 634 05 197 10	1 60 20 108 85	400 00 18 84 68 58	281 00 2,577 00 5,050 20 8,663 95 5,723 48 920 95 1,690 50 684 05 265 88		26 67 2 50 5,027 69 360 47 1,300 86 654 11 207 63
169 22	21 08		190 25		203 68
999 08 1,044 19 685 86	78 80 611 96 27 81 12 75	124 50 97 17 27 90 1,100 00	110,678 41 1,201 88 1,758 82 741 57 1,112 75	1	l
\$144,244 21	\$1,575 57	\$3,694 45	241 50 \$148,514 23	\$695 95	\$ 39,263 96
State for sala	ries and expe	nses of the B	oard of Cont	rol	\$38,568 01 1,596 78 \$40,104 79

STATEMENT OF
At the Wisconsin School for the Deaf

CLASSIFIED ITEMS.	Inventory Sept. 30, 1893.	Purchased during the year.	Transf'r'd to this ac- count.	
Amusem'ts and intsruc-				
tion	\$2,316 68	\$456 30	\$ 119 00	\$3,891 98
Barn, farm and garden.	1,164 85	848 96		2,013 81
Clothing	240 08	258 02		650 75
Discount				
Drug and medical dep't.	15 50	167 94		183 44
Engines and boilers	5,657 80	179 01		5,836 81
Freight and express (not				·
classified)		38 75		38 75
Fire apparatus	281 00	176 93		457 98
Fuel	2,175 00	5,215 98		7,890 93
Furniture	5,050 20	175 97		5,424 67
Gas and other lights	3,663 35	1,149 28	404 60	5,216 23
House furnishing	5,705 14	878 29		6,578 48
Laundry	920 95	180 61	36 00 ¹	1,137 56
Library	1,690 50	174 07		1,864 57
Machinery and tools	684 05	8 Ž5	 :	642 30
Miscellaneous	197 1t	471 80	4 00	672 40
Officers' expenses		383 06		, 332 06
Printing office	961 35	168 85	500 00	1,630 20
Printing, postage, sta-			1	
tionery and telegraph.	169 22	251 07	12 75	433 04
Real estate, including	'			
buildings, etc	110,673 41		. 	110.678 41
Repairs and renewals	999 03	1,411 47		2.410 50
Shoe shop	1,044 19	404 78	720 00	2,168 97
Subsistence	685 86	8,063 03	558 75	
Wages and salaries		19,649 64		19,649 64
Totals	\$ 144,244 21	\$40,655 51	\$2,706 80	\$187,606 02
Discounte		58 82		
		\$40,596 69		\$150,755 92
Net expenses				\$30 ,850 10

Add amount assigned to this institution, and set apart by the Secretary of

Current Expenses,

CURRENT EXPENSES.

for the fiscal year ending September 30, 1894

Inventory September 30, 1894.	Cash received on this account	Transferred from this account.	Total.	Gained.	Expended.
	189 34 231 43	\$558 75 58 82	\$2,625 76 2,219 66 602 67 58 82 4 75 5,666 00	\$205 85 58 82	
	2 69 7 84	885 00	3,064 81 5,400 75 4,026 14 6,058 22 910 20 1,770 00 640 65		4,326 12 28 92 1,190 09 520 21 227 86 94 57 165 00
918 68 193 63	224 20 20 64	85 75	1,178 63	!. 	332 06
110,673 41 1,080 15 1,108 06 754 29	72 15 418 58 27 90 80 15	152 70 36 00	1,348 90 1,674 34 818 19		1,061 60 494 63 8,489 45
\$146,943 13	\$1,289 17	\$2,523 62	\$150,755 92	\$ 264 67	\$37,114 77 \$264 67
					\$36 ,850 10
State for sala	ries and exp	enses of the H	Board of Con	trol	1,536 78 \$38,386 88

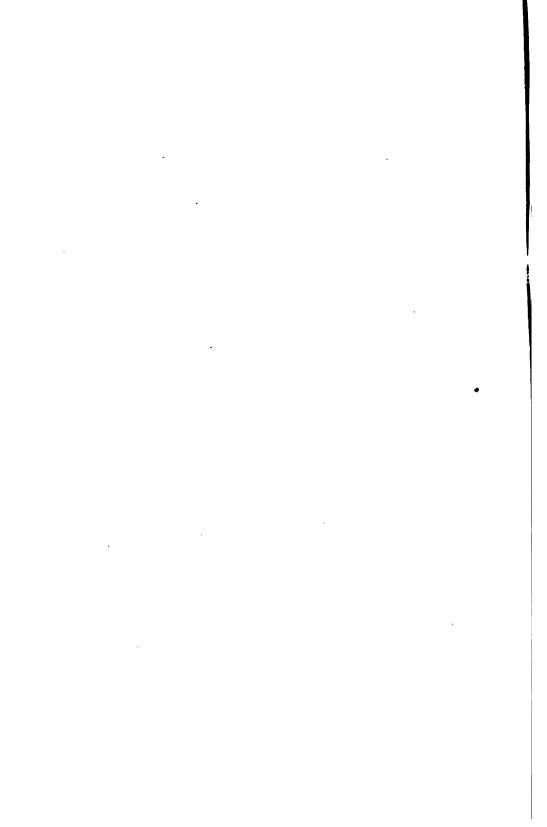
STATEMENT OF MONEYS RECEIVED AT THE INSTITUTION

Classification.	Year endir Sept. 30, 18	93.	Year ending Sept. 30, 1894
Amusements and means of instruction			\$ 2 9
Barn, farm and garden			189 3 281 4
Furniture			201 4 39 0
Gas and other lights			26
House furnishing	l	00	7 8
Miscellaneous.		20	28 4
Printing office	103		224 2
Printing, postage and telegraph	21	03	20 6
Repairs and renewals	78	80	72 1
Shoe shop	611		418 5
Subsistence	27		27 9
Wages and salaries	12	75	80 1
Totals	\$1,575	57	\$1,289 1

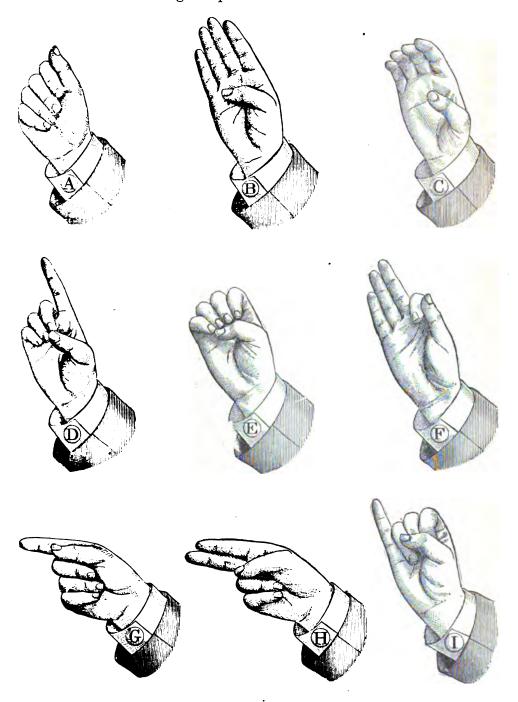
FARM AND GARDEN PRODUCTS.

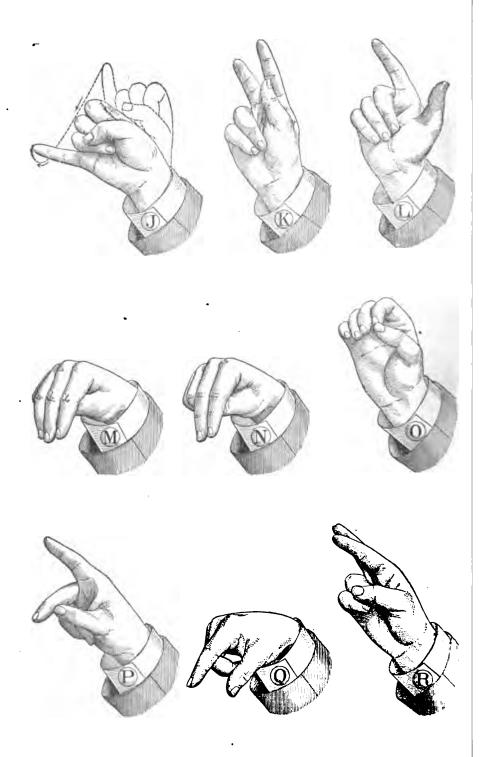
Articles.	For the Year September 30		FOR THE YEAR ENDING SEPTEMBER 30, 1894.	
	Quantity.	Amount.	Quantity.	Amount.
Apples	12 bu. 1,760 lbs.	\$9 60 106 76 7 75	16 bu. 610 ibs.	\$6 40 33 35 11 50
Hay	8 ton 84 loads	15 00 8 50	5 ton 8 loads	20 00 1 20
Milk	52,821 lbs. 11 8,135 lbs.	371 05 31 75 506 15	53,800 lbs. 3,129 lbs.	554 64 40 80
Total		\$1,056 56		\$ 767 89

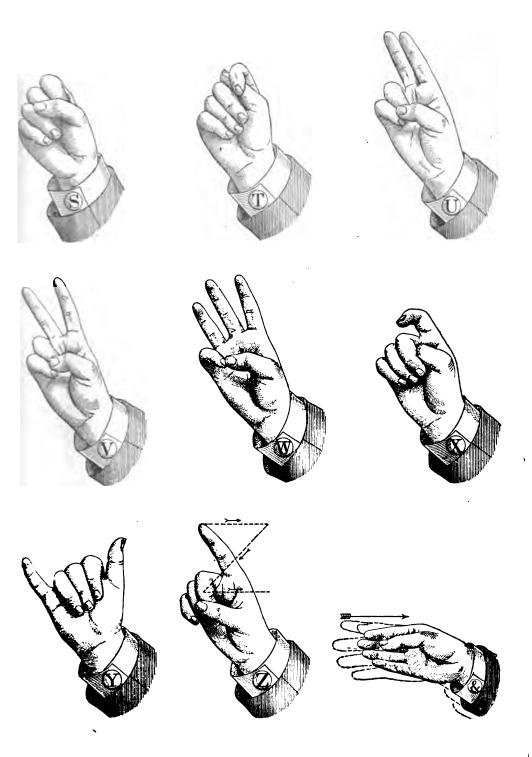
WISCONSIN SCHOOL FOR THE DEAF. - DRIAVAN, WIR.

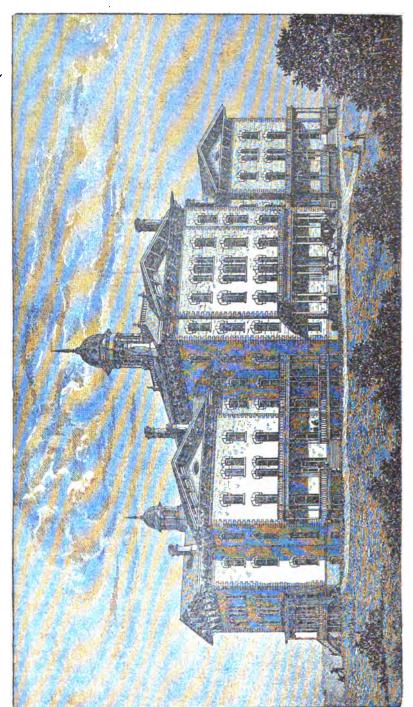


The American Finger Alphabet. Used also all over the world.









Wisconsin School for the Blind.

SIXTH BIENNIAL REPORT

OF THE

WISCONSIN SCHOOL FOR THE BLIND

FOR THE

Two Fiscal Years Ending September 30, 1894.

OFFICERS.

LYNN S. PEASE, A. B., I	.L. I	3.,		•	S	UPERI	NTENI	ENT A	nd Steward
MISS LIZZIE J. CURTIS,									MATRON
M. C. CLARKE, .									TREASURER

TEACHERS.

LITERARY DEPARTMENT.

MISS S. AUGUSTA WATSON, MISS LOVILA M. MOSHER, MISS FRANCIS H. BENBON, MRS. EMMA PEASE,

MISS ELIZABETH A. BROWN.

MISS EFFIE M. BURTON (KINDERGARTEN).

MUSICAL DEPARTMENT.

MRS. JOANNA H. JONES,

MISS JEANETTE M. BECKWITH,
MISS LAURA D. ENGLESON.

INDUSTRIAL DEPARTMENT.

VING, DRESSMAKING, DIV.	RLS' SE	F GII	HER	TEAC	•	•	ARKS, .	MISS ELEANOR P
TEACHER OF COOKING	•						VILLIAMS,	MISS C. ADELE V
TEACHER OF WEAVING.							son, .	MRS. ELLEN HAN
ACHER OF PIANO TUNING.	Tı							M. H. GAEBLER,
er of Boys' Handichaft.	TEACH							J. O. PRESTON.

SUPERINTENDENT'S REPORT.

Io the State Board of Control:

Gentlemen:—I herewith submit the forty-fifth annual and sixth biennial report of the school.

ENROLLMENT.

October 1, 1892, the number enrolled was		91
Number admitted during the year		41
	_	
Total enrollment		182
Graduated	1	
Dropped from roll during the year	24	
		25
Remaining on roll October 1, 1893		107
Number admitted during the year	• •	23
	•	
Total enrollment		130
Graduated	3	
Dishonorably dismissed	1	
Dropped from roll during the year	26	
· · · · · · · · · · · · · · · · · · ·	_	80
Remaining on roll and in attendance October 1, 1894		100

HEALTH.

The general health of the school for the past biennial period has been very good. Notwithstanding the prevalence of contagious diseases, none have entered the school. During the fall of 1892, one pupil was seriously ill for the first four weeks of the term, and in March 1894, one case of malarial fever occurred, running through the month of April. Otherwise there has been no serious sickness in the school.

ATTENDANCE.

The large increase in the attendance, which will be noticed from the preceding portion of this report, is especially gratifying, as it indicates that the work of the school is becoming more extensively known throughout the state. For this extended knowledge, we are indebted to the editors of the state, who very kindly pub-

lish each summer a brief outline of the school work, calling attention to the school, of those who know blind children, and requesting them to send the names of such children to the superintendent. The postmasters have also very kindly assisted in our work, by posting in their offices one of our general announcements of school work. Within the past summer another large class of citizens has been requested to assist in this work. A circular was issued to the teachers of Wisconsin and placed in the hands of all those who attended the teachers' institutes, asking them to interest themselves in the welfare of any blind children who might be in the district where they should be employed the coming season. Several responses to this circular have already been received.

Notwithstanding our crowded condition and the limitations necessarily placed upon our work by lack of accommodations, the effort has been continued to search out the blind children in this state who are entitled to the benefits of this school, and who ought to be receiving an education in it. It will be a labor of several years before the state can be thoroughly canvassed and the school management be assured that all the blind children in the state are in touch with the school and, in my opinion, it is a labor that should not be suspended at any time. Any interruption of this line of work would mean a break in the correspondence established, that could not be cured by the efforts of several years following. The change in the method of taking the national census deprives us of the information formerly received, when the census report gave the number and location of the blind children of school age in the state. It would seem to be a proper element of the next state census that it should provide for an enumeration of children with defective sight or defective hearing, so that the superintendents of the school for the deaf and the school for the blind can be aided in their work of finding those children, by this official canvass. Such enumeration should not be of only the blind or the deaf of all ages; but there should be two new classes; those of school age whose sight is so de-

fective that they cannot attend public schools, and those of school age whose hearing is so defective that they cannot attend public schools.

CHANGES IN TEACHING STAFF.

The additions and changes in our corps of teachers are as follows: In the literary department, Miss Lizzie A. Bingham was unable to return in the fall of 1893, on account of the death of her sister. Miss Kate A. White, of Chicago, took charge of that work from September until the holidays, when she was succeeded by Miss Lovila M. Mosher, of Waupun. Miss Effie M. Burton, of Brocton, New York, succeeded Miss Clara Y. Morse, in the kindergarten in September 1893. The largely increased attendance in the fall of 1893, required the services of an additional teacher, and Miss Elizabeth A. Brown, of Dowagiac, Michigan, was engaged to take charge of a portion of the primary work. The additional attendance and reconstruction of the grades necessitating another teacher this fall, Mrs. Emma Pease was put in charge of a portion of the primary work. In the work department, Miss Eleanor Parks, of Kilbourn City, Wisconsin, succeeded Miss Anna Molander, who was called to Chicago, in May, 1893, on account of her duties in connection with the Columbian Exposition.

LITERARY DEPARTMENT.

In the literary department the efforts of the past two years have been devoted to so perfecting our work that we could establish the courses as outlined in my last report. The literary course now embraces a common school course which includes all the work in the lower, middle, and upper forms, as outlined by the State Superintendent for the common schools of the state; followed by the four years' English and general science high school course as approved by the same authority. The increasing opportunities of securing text-books so that children may study independently, relieves the teachers of the

necessity of taking the time in the class room for dictating work or reading lessons from text-books, thus enabling them to spend the time in a more valuable way. However, our text-book list is far from complete, and our work is still consider ably hampered in the manner indicated.

OBSERVATION CLASSES.

The most important modification of the work in this department this year is the introduction, in the three grades immediately following the kindergarten, of daily observation classes. Each grade spends at least one class period, forty minutes, under the direction of its teacher, in studying directly, by means of fingers and the other remaining methods of perception, the object which is selected as the subject for that day. I need not call attention here to the great difference in value between the knowledge which a pupil secures by studying the object itself under the direction of a teacher, and the second-hand information which he secures from merely the description his teacher can give him, unassisted by an examination by the pupil, of the object described. But there are some features of this work peculiar to the condition of the pupils we are educating, to which I wish to direct attention.

It is not difficult to imagine the condition of a young man blind from birth who has been taught entirely in the school room, having been brought into contact with but few objects. Remembering that blind children can observe only when they come in contact with the object, and also bearing in mind the impossibility of so describing any object that an adequate idea can be gained when the child has no similar conception with which the description can be compared, in order to properly direct his imagination, it will be easily understood that such a blind man's use of language must necessarily be entirely foreign in the ideas it expresses, to the ideas of the seeing person using the same language. This will be more clearly understood when we learn that, as has been estimated, from seventy

five to eighty per cent. of the words in common use express ideas derived through the sense of sight. The fields of the other senses, when sight is available, are very limited in comparison with its range; and yet it is only in these other fields that the words are really intelligible to the blind. It becomes necessary, then, in order to establish the most intelligible line of communication between blind children and the seeing world, that the greatest care should be exercised to bring as much of the tangible world as is possible, within the range of the child's remaining senses. There are still other results much more apparent in educating the blind than in other schools. By the time a blind child is old enough to be sent to school, he is usually quite indifferent concerning the things immediately around him. He will eagerly drink in all that is read or told to him, but, left alone, he has but little inclination to verify what has been told him, or endeavor to add to this knowledge, even though the object which would give the desired information be almost within arm's reach. This condition is not to be wondered at. The world was not made for blind men's use. It is full of bumps for him who undertakes to move about with only the untrained senses of feeling and hearing to guide him. Moreover, the solicitude of the parents for the safe-keeping of their blind child, too frequently means shutting him up in the house, to keep him from straying into dangerous places. They repress all curiosity and desire to move about, for fear of danger to the child. Hence the child comes to us utterly indifferent to the surrounding world. Now, if we can arouse this child to the fact that there are beauties innumerable, even for a blind person, and things interesting without number if he will only reach out and find them; if we can cultivate in him the necessary desire and energy to become a self-inquirer, we will have taken a great stride-perhaps the greatest-towards that independence which in its broad sense is our ultimate object. The pleasure of studying surrounding nature will be a constant incentive to self-improvement; and the class-work itself will involve such a

training of his directive sense that it will remove to a considerable degree the restraint the child's blindness has put upon his movements from place to place. Our scheme at present is a tentative one, and I can only give in rough outline the course which we propose to pursue. The details will be largely determined by the results of our present work. At present each grade devotes forty minutes to gaining all the information possible from the direct study of the object. Whenever the weather permits, the class, in company with the teacher, goes directly into the field and studies the object selected, in its natural conditions, the teacher directing the observation in a general way, to see that it is made the most comprehensive possible, and supplying by description, such features as are evident only to the sense of sight. The class then returns to the school room and the following class period is devoted to the child's relating in his best language what he has learned in the field, the teacher then supplying any new words necessary to correctly express the ideas gained in the field work.

By a careful selection of typical objects, supplementing with accurate models those naturally within reach, we hope to cover in an elementary way most of the natural sciences. Our pupils will thus gain a large fund of accurate first-hand knowledge, together with the valuable mental training before suggested.

MUSICAL DEPARTMENT.

The instrumental work of this department has been materially assisted by the presentation by Mr. Bent, of Chicago, and the Wisconsin Commissioners of the Columbian Exposition, of one of Mr. Bent's beautiful "Crown" upright pianos, which was on exhibition in the Wisconsin building during the continuance of the exposition. Its delightful tones constantly remind us of our obligations to the thoughtfulness of the friends who have so kindly assisted us. The purchase, also, of a Weber parlor grand and a Decker upright, gives us a good

equipment for our work, excepting in the piano tuning department.

The opportunity of securing outside scholars for pupil teaching has enabled us to extend the normal work within the past year, so that several of our pupils who contemplate teaching music as a business, are now giving satisfactory instruction. The excellent work of this department cannot be better exemplified than by the fact that the regular instruction given our pupils enables them to undertake this work and do it well with but little assistance.

In the chorus classes, the work has been gradually improved by the introduction of more elaborate choral selections.

Within the past two years, the orchestra has appeared in Milwaukee, Madison and Beloit. Each appearance has been the occasion of considerable praise for the excellence of their music.

THE INDUSTRIAL DEPARTMENT.

In our industrial department, rag carpet and rug weaving continues one of the most profitable lines we have undertaken. There is yet such a good demand for these goods throughout the state that those of our pupils who undertake it with the proper amount of energy are successful in a most satisfactory degree. In this city, where there are several weavers, we still receive enough custom work to meet the demands of instruction in this line.

Although most of the other schools for the blind have discontinued broom-making, we still find it profitable to continue that instruction. This trade illustrates, as well as any line can, the necessity of teaching blind men to do expert work. A blind man cannot expect to succeed if he does poor, or even just ordinary work. In such a case, the machine-made broom drives him out of the market; but, if he thoroughly understands that he must do expert work, and prepares himself for it, our experience indicates that he will have but little trouble

in securing a reliable trade. Most house-wives care but little for a difference of ten or fifteen cents in the cost of a broom, providing they can have it made in just the weight and shape to suit their tastes. A skillful broom-maker in any good sized community, by thus consulting the individual taste and soliciting custom with a view of catering to a special trade, can easily work up a business which cannot be defeated by any competition of machine-made brooms. I do not mean to say that this trade alone will prove sufficient to make a blind man self supporting; but it certainly can be made very profitable when used in conjunction with other trades taught here.

Hammock-making is another industry quite suited to blind people. It affords employment for only part of the year, but it is a work which can be taken up at odd moments; does not require any outlay for tools; nor does it require any great amount of manual skill. The importance of it depends largely upon the size of the community in which the hammock-maker is situated and upon his success in working up a trade. We find that the demand is for a good hammock, something that is strong and enduring. There is the same opportunity here as in the broom-making, to cater to a special trade. But then it does not mean any such permancy in trade as is possible in the broom-making industry, when a broom-maker secures the privilege of supplying the constant demand for brooms in a large number of households.

Chair caning as a business, such as caning chairs for a factory, does not afford profitable employment to blind men; but it is easily learned and affords large opportunity for profitable odd jobs repairing chairs in communities outside of those where chair factories are sustained.

Mattress-making has been introduced this fall, and we expect this trade to rank among our best. It is less difficult to learn than carpet-weaving, and a skillful mattress-maker can successfully work independent of any assistance from a seeing person. It is an industry which is constantly extending throughout the country, and, at reigning prices, a good work-

man can make a good living. It is probable that the greater part of the work will consist in overhauling, cleaning and retying mattresses. With only a few weeks' experience, we have found that it is possible for a blind man to take apart, clean and re-tie a mattress in a day. Mattress-makers are securing from two to three dollars per mattress for such work. As the outlay for new material is very small, it is evident that a person can command a good income, providing he is so located that he can secure plenty of work.

Later in the year we expect to undertake feather duster making, to be used in connection with broom-making. The manufacture of the two articles is very similar in many respects. The same machinery is used and when the pupil has learned broom-making he has learned nearly all that is necessary to make a good duster. The worker can secure plenty of material very cheap, and, by making dusters when his main trade is slack, he will add materially to his income.

The additions to our industrial department within the past three years rank it among the best equipped in the United States. And yet how meager it is, how limited an opportunity for the expression of special talents with which blind boys are endowed as well as seeing children! I am well aware that some of our most experienced authorities in educating the blind would pay but little attention to manual trades, because a blind man works at such a disadvantage when standing beside his seeing brothers. Nor would I urge the trade education if I knew of other fields open to the profitable employment of the blind; but the fact remains that, no matter how thoroughly we may educate these children along general lines; no matter how much of science, history, literature or music they have acquired, unless somewhere or somehow they have acquired the means of earning a livelihood, they must live dependent upon someone's assistance without being able to return value received. And all the pleasure and enjoyment which they might otherwise receive from their education is

overshadowed by the fact of that dependence. A few are so gifted along musical lines that such an education will afford them an occupation, and it is a fundamental rule with us, in educating the blind, that as far as the nature of the pupil will permit, his preparation for future employment should be directed towards such occupations as will most eliminate the sight element—such occupations as are dependent upon the other senses, wherein the blind are not handicapped. musical professions, dependent so largely upon the sense of hearing, afford the blind an opportunity to work more nearly on an equality with the seeing. But there are only comparatively a few pupils who are qualified to make music a profession. And we have not discovered any other trades or professions in which the learning is of primary importance independent of the sense of sight.

There is another class of pupils who possess the qualifications to fit themselves for professional life. But too often, even though the pupil possesses the requisite ability, he lacks the funds necessary to enable him to secure the needed professional education. It is one of my dreams to some day establish a scholarship fund in this state, which will obviate this difficulty, by aiding such pupils in securing a collegiate or conservatory education. But such a fund is still a thing to be realized. What shall we do with those pupils who pass through our schools in the meantime?

Again, a large portion of our pupils can never be successful along either of the lines indicated. Have we done sufficient when we have provided simply the trades herein listed? I think not. At the biennial session of the American Instructors for the blind last summer, the following resolution was adopted: "Resolved that this association recognizes the importance of widening so far as possible, the opportunities for the successful industrial instruction of the blind; and, with this in view, requests the President to nominate a committee of five, who shall inquire carefully into the results of present efforts in this direction, and make such suggestions as they

may deem practical, to the association at its next meeting." In conformance with this resolution, the President named Superintendent C. H. Hill, of Romney, West Virginia, Superintendent Frederick Place, of Batavia, New York, Superintendent M. Anagnos, of the Perkins Institution, Boston, Superintendent E. P. Church, Lansing, Michigan, and Superintendent Lynn S. Pease, Janesville, Wisconsin.

As a member of that committee, I wish to use this opportunity to solicit the interest and assistance of our friends throughout the state, in making as thorough an investigation as possible of the opportunities for manual employment of the blind.

It might be well to state briefly some of the features which experience has determined are elements of a good trade for the blind. First, those trades are available which are local to a community, inasmuch as they are the most free from outside competition with either machinery or hand labor. Second, the trade should require skilled labor, and the product should be capable of considerable variation in order to meet special tastes. The greater the brain element required in any trade, the greater the probability that it will be a successful trade for the blind. If the article produced is one of general use and is capable of special adaptation to meet the differing tastes of the community, so that the working man can win a trade on special orders, it contains most of the desirable features. In general, it may be said that a successful trade for the blind will consist of, or tend towards, skilled personal service.

In considering whether or not any trade will be a desirable one for the blind, the primary question is not whether the sense of sight can be eliminated. We are so accustomed to depend upon our eyes, and leave our other senses unused, that we really have but little idea of the possibilities that lie ahead of energetic, intelligent, well-trained blind men. It is comparatively easy to see that a blind man cannot become a successful blacksmith or watch repairer, because it is evident in these cases that the other senses cannot take the place of

sight; nor would it be possible to employ another's eyes to direct the work; nor is the sight sense so subordinate in the work that it would be profitable to hire the assistance o another's eyes. But it is quite important, in considering the question of trades, for us to fully comprehend that we should not discard a trade because, from our standpoint, we think the element of sight cannot be entirely eliminated. It requires but a little experience to teach us that a blind man can "see" with his fingers, or other senses, a great many things which would seem impossible to our untrained sense of feeling. Again, as indicated above, the sight may be simply a subordinate feature of the work. When that is the case and the greater part of the value of the product lies in skilled labor, it is very apt to prove profitable for the blind man to hire a pair of eyes for the little assistance he may need.

It may be noted that the field of trades wherein the worker furnishes the completed product has been carefully canvassed, and the probability of further discoveries is not great. fore it might be well for us to direct our attention along some other line, and inquire whether there are any trades in which specialized features will afford employment for the blind; if, in the minute division of labor which is pervading so many industries, we cannot find some divisions which are particularly adapted to persons of skilled touch; if so, it will be comparatively an easy matter with the assistance of a general manual training course, to train boys for the specific purpose. It must be remembered that there should be a constant effort to extend the work of the school until it becomes possible, not only to educate every child to good citizenship as a general condition, but also to place in his power the ability and opportunity to provide his own living. Whether or not such a result is unattainable is not for us to discuss; the labor must be unceasing until success is achieved or the necessity of the failure is proved beyond question.

It is true that schools for the blind should not always be taken to task when blind graduates fail to provide for them-

selves. Blind children, like other children, are oftentimes lazy; sometimes so lazy, they will not play, much less work. No school can equip such children, blind or seeing, so they will become self-supporting, especially when there is an ever-ready public to maintain them, through misplaced charity; but the school should not evade its responsibility to do all that can possibly be done for those bright, active, energetic blind children who will gladly embrace every opportunity to improve themselves.

GIRLS' INDUSTRIAL DEPARTMENT.

In the girls' industrial department, the query "What shall we teach our girls to make them self-supporting?" remains unanswered. While no advance has been made in that particular direction, we have continued our effort and made considerable progress in opening for our girls a larger field of usefulness in their homes. A training which will obviate idle, useless living, and make girls so helpful that they materially lessen the burden of their maintenance when with family or friends, is worthy of our effort, even though we fail to secure the full measure of happiness which comes from a realized independence.

COOKING CLASSES.

The cooking classes which were established at the beginning of this biennial period, have prospered beyond all anticipation. This department has attracted considerable attention. I am not certain but its value in illustrating to the people of the state the capabilities of the blind is as great as in its practical results with the pupils. Our experience proves beyond question that blind girls can be taught cooking so that, together with general housework, they can be valuable assistants in any home. We are under obligations to the "Public Opinion" and other papers in giving extended notices of our work; but their statement that we aim to train our girls to become pro-

fessional cooks should be corrected. We do not anticipate that this work will be of any value outside of the home life.

The following is an outline of the work and the results ac-

complished.

COOKING CLASSES FOR THE BLIND.

In presenting a sketch of our cooking classes, I shall endeavor to give simply the principles which have determined the direction the work has taken, with just enough detail to indicate that the objects which caused the introduction of the department are attainable.

Object.—This department is not an effort to train blind girls to become professional cooks, nor to make them efficient servants. But, not having succeeded in finding such profitable employment for them that they may become self-supporting, it seems desirable to give them all possible education that will tend to make them valuable assistants in their own homes, or, if they are homeless, make them helps, and not burdens, in friendly houses, whereby they may gain homes. With this in view, we have extended our instruction in house-keeping to include cooking and kitchen work in general.

Cooking Equipment.—In determining our kitchen outfit, it seemed unwise to follow the plan of the usual cooking school. Such a school seeks to teach the uses of utensils best adapted to the work in hand, to people who can furnish their kitchens as they may wish. Hence all modern conveniences are introduced into the cooking school. Our girls, coming, as they do in many instances, from houses equipped in the simplest manner, must be so taught that they may return to their homes and work intelligently with such utensils as home kitchen may afford. Our kitchen, therefore, is modelled after the average home kitchen. An ordinary cooking stove, with its wood-box, a plain table, a set of shelves, and a couple of chairs constitute the kitchen furnishings. The cooking utensils are kept in an adjoining closet. We use

wood instead of coal, although coal would require less attention. But Wisconsin still burns wood in her kitchen stoves, and the proper management of a wood fire will be one of the necessary conditions of successful work when our pupils return to their homes. Nor have we placed a hot-water faucet in our kitchen. To keep the kettle filled and hot is an essential element in successful cooking; and, as usual, pupils will learn that best by doing it.

Cleanliness.—The blind cook must exercise extraordinary care to insure cleanliness, if she expects to prepare acceptable food. Consequently, a wash basin, and pail and dipper, are a necessary part of the kitchen outfit. These should be placed conveniently near both the stove and table. Whenever the girl touches the stove, or anything which can possibly soil her hands, she washes them before touching any of her cooking material or any utensil which she intends to use in her work. To protect their clothing, the girls are provided with large aprons, which they put on as soon as they enter the kitchen, removing them only when they have completed their work for the day.

The Stove.—We began our instruction with that constant and central factor in cooking,—the stove. As it is also the dangerous element, the pupil needs explicit and thorough instruction regarding it, its uses and management, building a fire, controlling the draughts, disposition of utensils to best advantage in preparing a meal, and how to avoid soiling hands and clothing in working about the stove. We use no mechanical contrivance to protect the pupils from the fire. It might be difficult for them to procure such for the home kitchen; and we have felt that careful instruction regarding the danger, followed by several years' work under the eye of a careful teacher, must instil such careful habits that there can be no real danger.

Preliminary Instruction in Lower Grades.—Our beginning was not the ideal one. The more logical method would consider first all the processes of manipulation of materials, introducing the stove when the pupil has learned how to pre-

pare the food, so that she can use the stove constantly. But our situation at the introduction of the course seemed to demand our pushing rapidly towards tangible table results. Results would indicate that our course was justified. The cooking department has become an established feature of our school, and our girls are anxious to receive the instruction. We are now engaged in arranging for thorough preliminary work, to begin with a "kitchen garden" section of our kindergarten department. This preliminary work will be a constant feature of the school work through all the grades, until the girls are ready to be assigned to regular class work in the cooking department.

As we have not arranged the details, I can only point out the general lines along which we are working. As baby girl "helps" mamma set the table, and later wash the dishes, sift the flour, cut the cookies, stir the cake, etc., so that before she reaches the "stove age" she is well acquainted with utensils, materials, and methods of preparation, so we hope to train our girls to such capability that, when they are old enough to be assigned to the cooking class, their entire attention can be given to the more technical instruction of the department. Our plan contemplates one dining room and kitchen outfit small enough to be toys; another set large enough to give the instruction more realism and to lessen the transition to the genuine kitchen equipment. A series of games will be introduced, having as the objective points a thorough acquaintance with all the utensils and a development of the art of manipulating the materials used in cook-Some substitute for the materials, such as moulders' sand, will be necessary in the earlier stages, both for the sake of cleanliness and the economy of material. shall probably introduce real cooking material before the pupil enters the cooking course. For, still keeping as our guide intelligent motherhood,—that companionship of mother and daughter which leads the daughter to learn the round of household duties through her love to "help mamma,"—there

will come the time when the blind girl has become skilful in all the operations necessary to prepare a certain article of food, but is yet too young to be safely intrusted with work about a stove. This is the time when mamma divides the dough with her little helper, who rolls it out, cuts out the cookies, and puts them in the baking-dish. Mamma bakes them; and possibly a dolls' tea-party results, so that the little maiden may give "my own cookies" a place of honor.

No one will question such incentives to a thorough preparation for the special work, nor can we doubt the added pleasure and "home life" feeling, which such incidents would give our little blind girls, if such can be introduced into their school life. Hence, when they have properly learned to roll out the clay "cookie dough," to cut it nicely, lift and place it in the tins they have already prepared, they will be allowed to go to the "class kitchen" on some cookie day, be given some real dough, prepare, cut, and arrange their cookies all ready for the oven, and have them baked by the older girls just as they would at home.

Such instruction continuing through several years, always occupying but a small portion of the time, will remove most of the real difficulties in teaching blind girls to cook before they have reached the regular class instruction.

Course of Study.—I shall not attempt to give our course of study in detail. It would occupy too much space. You see we started with a broad-gauge ambition. In fact, our work was mapped out, as to results, the same as it would have been for seeing children. Perhaps I ought to attempt a justification of such work by giving a more complete expression to my thought. People who rely upon their eyes cannot understand the limit of the restrictions placed upon blind people. We may imagine difficulties which do not exist. Hence, in beginning a new line of work, I would give it sufficient scope to include all the essentials, the same as I would, were we teaching seeing children. When we meet difficulties which we cannot avoid, difficulties to which we must yield because

they are peculiar to blindness, we have lost nothing, because the education is complete to that point; and we may have found the imagined difficulties to be only imaginary.

The metes and bounds of our course of study are as follows: Begin with those dishes which will use such material as the simplest home life supplies, selecting those which require the least manipulation of materials and can be most easily tested in progress of cooking. As time permits, extend in the direction of variety in the use of the same materials, giving particular attention to economy in making palatable dishes from the food remaining after a meal. Next introduce new materials, and so on.

The Dishes We Have Made.—The following dishes have been successfully cooked by one or another of our totally blind girls within the brief period the department has been in operation, the girl measuring out her materials and performing all the work without any assistance, even to placing it on the dish ready for service at the meal. No attempt is made to give them in the order they were studied. Milk bread, water bread, raised biscuit, baking-powder biscuit, creamed toast, fried toast, dry and buttered toast, griddle cakes, browning and rolling stale bread; citron cake, loaf cake, fruit cake, luncheon cake, plain cookies, pound cookies, custard pie, mince pie; roast beef, fried steak, broiled steak. baked chicken, fried ham, cold meats chopped and warmed over with gravy, meat croquettes; potato salad, cabbage salad; potatoes, baked, boiled, creamed, fried, lyonnaise, mashed, balls, Saratoga, French; corn, boiled and baked; tomatoes, boiled and baked; cabbage, cold and hot; carrots, boiled and creamed; turnips, boiled, creamed, mashed; parsnips, boiled and fried; squash, baked; jellies, grape, crab-apple, apple; preserves, quince, citron, pumpkin, peach, tomato, pineapple; sweet pickles, tomato, watermelon, peach, cucumber; piccalilli; jam, quince, peach, grape, pie-plant; marmalade, peach, crab-apple, quince, apple; cucumber catsup and sauce, grape catsup, spiced grapes.

Adaptation.—In measuring material, testing cooking, etc., the teacher must constantly make adaptations, so that the sense of touch can do the work of sight. I intended including a statement of some we have developed, but there is so much that must be left untold that those will go with the rest. Enough to say that a delicate touch is soon developed, which does slowly, but surely and exceedingly well, nearly all the work that cooking requires of the eyes of the seeing person. In some cases like separating the white and yolk of eggs, when the touch is not sufficient, a particular manipulation becomes the necessary guide.

Inexpensive Instruction.—Just a word regarding the expense of the department, as that is so frequently of determining force when the introduction of a department is under consideration. You have seen that the equipment is inexpensive. In the operation of the classes there need be no waste. All the food that has been cooked in our class work has been eaten at regular meal-time. The pupils have a very pleasant habit of sending their new dishes to the superintendent's table, where they are welcome because they are always nicely cooked. The products of the repetition of that lesson are taken to the pupils' tables, the pupils receiving them with evident appreciation. No greater difficulty need be anticipated in finding a capable teacher in this department than in any other.

I am glad to record a visit from Miss Kate Wright, of the Michigan School for the Blind, who spent a week with us, inspecting this classwork, under instructions from the Board of Control of the Michigan school, who are making arrangements for introducing cooking classes into their school.

DRESSMAKING.

The work in the girls' sewing classes has been successfully extended to include sufficient dressmaking to enable the girls to cut, fit, and make all their own clothing. Within the past

year over twenty dresses were thus made in these classes. Such training, of course, will enable them to prepare a large portion of the family clothing.

Improved methods in teaching plain sewing—one of the most difficult features of this department—have resulted in a more general attainment of skillful work in this line. Another year we hope properly to equip this department and give special attention to machine sewing, in addition to the work now taught.

Our exhibit in the Handicraft department at the Columbian Exposition was awarded a medal, and several of our exhibitors were given diplomas for excellence of work.

IMPROVEMENTS.

Exercise Grounds and Building Sites.

The most pressing need of the school is an extension of our grounds, so we can provide exercise and play grounds for our The foundation of all our work must be the most healthful bodies we can secure. We have learned that in places where the pupils are perfectly familiar with the situation, where there are no obstructions to be feared, they can throw off the restraint common to all in moving about in strange places or in the midst of obstructions, and surrender themselves to the pleasures of their exercise or play, with a freedom that cannot but result beneficially, both in general health, and in relieving them from the strained muscular positions consequent upon years of constant lookout for danger. exercise grounds, one for the boys and one for the girls, should provide ample drill grounds, running tracks, and opportunity for such games as foot ball, hand ball, and various other It needs no extended amusements possible in the school. argument to denote the great value to children of being 80 placed that they can romp and frolic in the open air to their hearts' content. Aside from the joyousness it brings into

their lives, the daily gain in strength, the renewed vigor in their school work—all point to the necessity of such an opportunity if we expect to attain the best results.

The only property suitable for these purposes is now available. Any further delay will result either in its permanent loss to the school, or its purchase at a greatly increased price, as it is so situated that it will now increase in value very rapidly. Additional ground will be needed for the new buildings which must be erected if the necessities of this rapidly growing school are properly met. The property suggested offers the only suitable site for them. The purchase is urgently recommended.

Two years ago I had the privilege of calling your attention to the report of the superintendent two years previous, wherein it was stated:-"Already the lack of adequate room for some purposes begins to be felt, and an addition of ten or fifteen scholars will require an enlargement of accommodations." When that report was made, there were seventy-seven pupils in attendance. Last year we had an attendance of one hundred and fifteen, or an increase of thirty-seven. This year we open with an attendance of one hundred, which will probably increase during the year, beyond last year's attendance. The lack of adequate room in several directions is sadly felt. Our dormitories, dining rooms, school rooms, teachers' rooms, and rooms for our employes are all overcrowded. We have had to take the study rooms for other purposes, and the corridors have been pressed into service for music and tuning instruction. As this need of increased accommodations is not caused by an increase in the courses of instruction, but is caused by the constantly increasing attendance, it will readily appear that, unless immediate steps are taken, we not only cannot extend our instructional departments, but, before the end of this biennial period, we may be obliged to refuse to receive pupils, because we canot care for them. Such a result would indeed be very unfortunate.

The general repairs will include a new storage battery, as

the present one is nearly useless. It will be without value before the end of the present school year.

It is also evident that the facilities for lighting will need to be increased. The dynamo we have is frequently unequal to the demand. The additional requirement another year will probably necessitate an exchange of dynamos.

Extensive repairs to the buildings are very necessary. The original soft wood floors are in such a worn condition that they are constantly giving out, and a considerable portion needs replacing every year. Within the past two years the repairs in the greater number of the dormitories have been completed, new hard floors replacing the old; the wood-work repainted and the walls freshened with calcimine. But the other floors and the exterior of the building present a shabby appearance, which I hope can be corrected very soon.

Our new system of heating is working very satisfactorily. It combines sufficient radiation to warm the building in the warm weather of fall and spring, and an 84 inch fan of sufficient capacity to force into the building per minute, 40,000 cubic feet of fresh air heated to the desired temperature. This system secures the ventilation so necessary in such an institution, by the same means that the building is heated.

The other very much desired improvement was the extension of the city water system, to secure fire protection. A six-inch main has been laid from the city mains to and through our grounds, along which four double-nozzled hydrants are located. In addition, there are two standpipes in the main building, and one in the schoolhouse, with sufficient hose attached at each floor to protect all parts of the building.

In finishing the interior of the shop building, the probable future use of the building for boy's dormitories was fully considered in making the plans, and the interior was so constructed that the building can be transformed into dormitories without any expense. It would have been utterly impossible to have accommodated the increased attendance last year if this building had not been fitted up for school rooms.

In closing this report, I wish to acknowledge our obligations to the officers and teachers who have been associated with me. Whatever advancement has been accomplished in the school work, can be attributed to the intelligent, energetic, conscientious labor of my staff. Upon them has developed the real work of the school, and they have measured their duties with a generous hand, devoted to the welfare of our children.

I wish to especially mention our obligation to our matron, Miss Lizzie J. Curtis, whose efficient work with our pupils can never be too thoroughly appreciated. Her duties have been truly the matron's—the mother's work—a most important feature of the school life when the little folks must be deprived of their own mother's care for so long a portion of the year. Such a loss would be irreparable if those young lives, while with us, were not constantly in touch with a motherly heart, and their daily life ever watched over with a motherly care which for a devoted fifteen years has enriched the womanhood and manhood constantly passing out from this school.

The active, intelligent co-operation of your body in pressing forward along the possible lines of improvement has been thoroughly appreciated.

Respectfully submitted, LYNN S. PEASE, Superintendent.

The following table shows the number of pupils reported for each year of the existence of the school:

Number of Pupils.	From-	То-
Six	Oct. 1, 1849	
Eight	Oct. 1, 1150	
Nine	Jan. 11, 1851	Dec. 18, 1851
Nine	Dec. 18, 1851	
Thirteen	Dec. 30, 1852	Pec. 31, 1853
Sixteen	Dec. 31, 1853	Dec. 31, 1854
Fourteen	Dec. 31, 1854	Dec. 31, 1855
Nineteen	Dec. 31, 1855	Dec. 31, 1856
Twenty	Dec. 31, 1856	Oct. 1, 1857
Twenty five	Oct. 1, 1857	Oct. 1, 1858
Twenty-seven	Oct. 1, 18 8	
Thirty-four	Oct. 6, 1859	Oct. 1, 1860
Forty-two	Oct. 1, 1860	Oct. 1, 1861
Fifty	Oct. 1, 1861	Oct. 1, 1 62
Fifty-four	Oct. 1, 1862	Oct. 1, 1863
Fifty-nine	Oct. 1, 1863	Oct. 1, 1864
Fifty-eight	Oct. 1. 1864	Oct. 1, 1865
Fifty-four	Oct. 1, 1865	Oct. 1, 1866
Fifty-four	Oct. 1, 1866	Oct. 1, 1867
Sixty	Oct. 1, 1867	Oct. 8, 1868
Sixty-nine	Oct. 8, 1868	Oct. 12, 1869
Sixty-four	Oct. 12, 1869	Oct. 12, 1870
Sixty-eight	Oct. 12, 1870	Oct. 1, 1871
Seventy-six	Oct. 1, 1871	Oct. 1, 1872
Seventy-seven	Oct. 1, 1872	Oct. 1, 1873
Seventy-five	Oct. 1, 1873	Oct. 1, 1874
Eighty-two	Oct. 1, 1874	Oct. 1, 1875
Eighty-six	Oct. 1, 1875	Oct. 1, 1876
Ninety-one	Oct. 1, 1876	Oct. 1, 1877
Ninety-one	Oct. 1, 1877	Oct. 1, 1878
Ninety	Oct. 1, 1878	Oct. 1, 1879
Eighty-nine	Oct. 1, 1879	Oct. 1, 1880
Eighty-four	Oct. 1, 1880	Oct. 1, 1881
Eighty-two	Oct. 1, 1881	Oct. 1, 1882
Seventy-eight	Oct. 1, 18-2	Oct. 1, 1883
Seventy-eight	Oct. 1, 1883	Oct. 1, 1884
Eighty four	Oct. 1, 1884	Oct. 1. 1885
Ninety-one	Oct. 1, 1885	Oct. 1. 1886
Ninety-three	Oct. 1, 1886	Oct. 1. 1887
One hundred and one	Oct. 1, 1887	Oct. 1, 1888
One hundred and four	Oct. 1, 1888	Oct. 1, 1889
One hundred and seven	Oct. 1, 1889	Oct. 1, 1890
One hundred and nine	Oct. 1, 1890	Oct. 1, 1891
One hundred and seventeen	Oct. 1, 1891	Oct. 1, 1892
One hundred thirty-two	Oct. 1, 1892	Oct. 1, 1893
УМО МИМИТОЙ ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГРИГО ГР		1 2
One hundred thirty	Oct. 1, 1893	Oct. 1, 1894

Enrollment.

The following pupils were enrolled during the biennial period, Sept. 30, 1892, to Oct. 1, 1894:

BOYS.

Name.	Postoffice.	County.	
Adams, Herbert	North Clayton	Crawford.	
Alleyn, Medar	Marinette	Marinette.	
Anderson, Andrew	Rice Lake	Barron.	
Anderson, Jens	Stoughton	Dane.	
Belongia, Frederick	Oconto.	Oconto.	
Bentzine, Alfons	Cumberland	Barron.	
Berger, John	Aniwa	Langlade.	
Berger, Nicholas	Aniwa	Langlade.	
Bergs, Joseph	Milwaukee	Milwaukee.	
Bethke, Friedel	Milwaukee	Milwaukee.	
Biggs, James	Richland Center	Richland.	
Bitter, Albert	Milwaukee	Milwaukee.	
Breitzman, Leo	Neenah	Winnebago.	
Brown, Royal	Neillsville	Clark.	
Carlson, Charles E	Milwau ee	Milwaukee.	
Carter, Roy	Janesville	Rock.	
Cochran, Orson	Centralia	Wood.	
Cochran, Willie	Centralia	Wood.	
Coleman, Edward	Chippewa Falls	Chippewa.	
Cook, Harry.	Randolph	Dodge.	
Detert, Henry	Harrisville	Marquette.	
Dobbins, Willie	Marinette	Marinette.	
Donahue, Edward	New Richmond	St. Croix.	
Donhardt, Andrew	Marshfield	Wood.	
Drew, Samuel	Marinette	Marinette.	
Eastman, Farnam J	Platteville.	Grant.	
Edwards, Arthur	Oconto	Oconto.	
Feick, Hugo.	Plymouth	Sheboygan.	
Feistel, Alfred	Sheboygan		
Finney, Willie	Stuben	Crawford.	
Flannigan, James	Wiota	La Fayette.	
Friar, Fred	Meadow Valley	Juneau.	
Fuller, Clarence.	Monroe	Green.	
Fuldsick, Frank	River Falls	Pierce.	
Gauerke, Adolph	Ixonia.	Jefferson.	
Genrich, Edward	Milwaukee	Milwaukee.	
Goetzinger, Walter	Milwaukee	Milwaukee.	
Groth, Charlie.	Milwaukee	Milwaukee.	
Hall, Howard A	Poynette	Columbia.	
Hansford, Walter	Fort Howard	Brown.	
Hayner, Frank	Janesville	Rock.	
Heck, Leo.	Sheboygan	Sheboygan.	
Heil, Joseph	Stevens Point	Portage.	
= a Aoohm ''' '''	Ashford.	Fond du Lac.	
Hess Joseph			
Hess, Joseph			
Hess, JosephHolmgren, PeterHulbert, Chester	HurleyBangor	Ashland. La Crosse.	

BOYS-Continued.

Name.	Postoffice.	County
Kavanaugh, James	Cumberland	Barron.
Klattee, Louis	Milwaukee	Milwaukee.
Knight, Terrence Knuth, Bernard	Darlington	La Fayette.
Knuth, Bernard	Milwaukee	Milwaukee.
Lange, Leo	Milwaukee	Milwaukee.
Langenkamp, Joseph	Tisch Mills	Manitowoc.
Lettow, Herman	Wonewoc	Juneau.
Mahon, Albert	La Grange	Walworth.
Mansky, Gustav	Fort Atkinson	Jefferson.
Metajowitz, Charlie	Branch	Manitowoc.
Musilek, Willie	Racine	Racine.
Nedley, Nicholas	Milwaukee	Milwaukee.
Nelson, Carl	River Falls	Pierce.
Ness, Ludwig	Eau Claire	Fau Claire.
Nitschke, Arthur	Milwaukee	Milwaukee.
Nolden, Reinhold	Alma	Buffalo.
Ouradnik, Edward	Slovan	Kewaunee. Jefferson.
Parish, Chester	Whitewater Fairwater	Fond du Lac.
Raabe, Edward	Milwaukee	Milwaukee.
Rickert, Adam	Portage	Columbia.
Roberts, Daniel	Baraboo	Sauk.
Robertson, Peter	Oxford	Marquette.
Root, Charles	Waukesha	Waukesha.
Rouse, Hayes,	Bay Settlement,	Brown.
Sayre, Robert Henry	River Falls	Pierce.
Schoolcraft, Luverne	Beaver Dam	Dodge.
Schnitke, Theodore	Eau Claire	Eau Claire.
Schuster, John	Richfield	Washington.
Scribner, Jerry	Oshkosh	Winnebago.
Siegel, Frank	Milwaukee	Milwaukee.
Slack, Philip	Valton	Sauk.
Stoll, Henry	Milwaukee	Milwaukee.
Thurow, Herman	Reedsville,	Manitowoc.
Tuttle, George	Menasha	Winnebago.
Weller, Edward Wenker, Walter	Sparta	Monroe. Dodge.
Whitney, Arthur	Clyman Edgerton	Rock.
Wolfe, George L.	Prescott	Pierce.
Wutstrack, Charles	Footeville	Rock.
Wuttke, Otto	Milwaukee	Milwaukee.

Enrollment.

GIRLS.

Name. Postoffice. County. Amans, Bella. Anderson, Ida. Austin, Sarah Bella. Belongia, Louise Belongia, Louise Bentzine, Emma Bickford, Mabel Bierne, Cora Boury, Leah Brandt, Anna Brandt, Anna Brandt, Anna Brostoffice. Rice Lake Bearron Brandt, Anna Brostoffice. Rice Lake Bearron Brandt, Anna Brostoffice. Rice Lake Barron Brandt, Anna Brandt, Bra	
Anderson, Ida. Menomonie. Dunn. Austin, Sarah Marinette. Marinette. Baxter, Della Berlin Green Lake. Belongia, Louise Oconto Oconto. Bentzine, Emma Cumberland Barron. Bickford, Mabel Waupun Fond du Lac. Bierne, Cora Oakfield Fond du Lac. Boury, Leah Rice Lake Barron.	
Anderson, Ida. Austin, Sarah. Baxter, Della. Belin. Belin. Belin. Belin. Belin. Belin. Belin. Belin. Coonto. Bentzine, Emma Bickford, Mabel. Bierne, Cora Boury, Leah. Belin. Coakfield. Rice Lake. Barron.	
Austin, Sarah Marinette Marinette. Baxter, Della Berlin Green Lake. Belongia, Louise Oconto Oconto. Bentzine, Emma Cumberland Barron. Bickford, Mabel Waupun Fond du Lac. Bierne, Cora Oakfield Fond du Lac. Boury, Leah Rice Lake Barron.	
Barter, Della Berlin Green Lake. Belongia, Louise Oconto Oconto. Bentzine, Emma Cumberland Barron. Bickford, Mabel Waupun Fond du Lac. Bierne, Cora Oakfield Fond du Lac. Boury, Leah Rice Lake Barron.	
Belongia, Louise	
Bentzine, Emma Cumberland Barron. Bickford, Mabel Waupun Fond du Lac. Bierne, Cora Oakfield Fond du Lac. Boury, Leah Rice Lake Barron.	
Bickford, Mabel Waupun Fond du Lac. Bierne, Cora Oakfield Fond du Lac. Boury, Leah Rice Lake Barron.	
Bierne, Cora Oakfield Fond du Lac. Boury, Leah Rice Lake Barron.	
Boury, Leah Rice Lake Barron.	
Brooks, Hattie Pittsville Wood.	
Brose, Clara Stockbridge Calumet.	
Carr, Cassie Eau Claire Eau Claire.	
Cornet, Irma Duvall Kewaunee.	
Damuth, Laura Elkhorn Walworth.	
Davis, Anna West'n Union Junction Racine.	
Davis, Maggie West'n Union Junction Racine.	
Davis, Sarah West'n Union Junction Racine.	
Deery, Sarah Waukesha Waukesha.	
Dillon, Kate A Fond du Lac. Fond du Lac.	
Distel, Mary Milwaukee Milwaukee. Emerson Elizabeth Hanover Rock	
Fourest, Eliza	
Frank, Josie Aberdeen South Dakota.	
Gallagher, Genevra West Superior Douglas.	
Gould, Lena Brodhead Green.	
Hirschfelt, Henrietta Jefferson Jefferson.	
Hull, Anna B Montello Marquette.	
Lorentsen, Theo Baldwin St. Croix.	
Mathewson, Rosa Stevens Point Portage.	
McFate, Mildred Waupun Fond du Lac.	
McGee, Sarah Janesville Rock.	
McGrath, Margaret Janesville Rock.	
Miller, Lizzie Eau Claire rau Claire.	
Muller, Sophie Milwaukee. Milwaukee.	
O'Connor, Minnie Edgerton Rock.	
Palmer, Carrie M Janesville Rock.	
Postle, Catherine Bloomer Chippewa.	
Prebe, Augusta Merrill Lincoln. Prebe, Mina Merrill Lincoln.	
Preston, Myrta River Falls Pierce. Pundt, Lulu Milwaukee Milwaukee.	
Rucine, Katie Ray View Milwaukee.	
Ritten, Anna Neenah Winnebago.	
Rumfo, Mary Chippewa Falls Chippewa.	
Russell, May Milwaukee Milwaukee.	
Schmidt, Clara F Milwaukee Milwaukee.	
Schnittke, Matilda Eau Claire Eau Claire.	

GIRLS-Continued.

Name.	Postoffice.	County.
Steinhoff, Agatha Sweness, Martha Tollefson, Tina. Trainer, Agnes Tuttle, Helen L Van Handel, Mary Washburn, Rirdie Washburn, Hester Weaver, Isabel Wears, Anna Wolburton, Pearl Wyman, Pearl Zech, Anna Zimmerman, Anna Zimmerman, Lizzie	West Salem Winchester Reedsburg Baraboo Little Chute Delavan Delavan Watertown Boardman Columbus River Falls	Walworth. Jefferson. St. Croix. Columbus. Pierce.

Distribution by Counties.

DISTRIBUTION BY COUNTIES.

Ashland	1	Langlade	2
Barron	7	Lincoln	2
Brown	2	Manitowoc	8
Buffalo	1	Marinette	5
Calumet	1	Marquette	8
Chippewa	8	Milwaukee	29
Clark	ĭ	Monroe	2
Columbia	2	Oconto.	Ñ
Columbus	ĩ	Outagamie	1
Crawford	2	Pierce	ā
Dane	ĩ	Portage	ò
Dodge	â	Racine	7
Douglas	1	Richland	7
Dunn	1	Rock	10
Eau Claire	5	Sauk	10
Fond du Lac	8		9
Grant.	1	Sheboygan	
Green	2	St. Croix	9
Green Lake.		Walworth	4
Jefferson	7	Washington	
Jefferson.	•	Waukesha	ž
Juneau	2	Winnebago	ď
Kewaunee	2	Wood	4
La Crosse	2	South Dakota	1
La Fayette	2		

STATEMENT OF CURRENT EXPENSE FUND - 1893.

1892. Oct. 1	Balance		89,264 37
1893.	Dalance		65,201 01
April 15.	Appropriation to March 1, 1895, chapter 152, laws 1893		60,000 00
April 15.	App'n liabilities prior to March 1,	1	•
	1893, chapter 152, laws 1893		3,520 14
Sept. 30.	Steward for sundries		779 52
July 19.	Transferred for expenses of Board of Control	8 1.138.36	
Sept. 30.	Paid on account of current expenses this year.	•	
Sept. 30.	Bal. app'n in state treas. \$35,936 81	02,001 11	
Clamb 20		• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
Sept. 30.	Bal. in hands of treas. of ins'n 3,640 33		
	—————————————————————————————————————		
	Less overdraft steward 115 94	39,461 20	
		\$ 73,564 03	\$73,564 03
		\$10,004 US	910,001 00

STATEMENT OF CURRENT EXPENSE FUND - 1894.

1893.			200 401 00
Oct. 1. 1894.	Balance		839,461 20
Sept. 30.	Finishing interior of shops (specto balance)		40 96
Sept. 30. 1894.	Steward for sundries		• • •
July 9.	Transferred for expenses of Board of Control	81.138	36
Sept. 30.	Paid on account of current ex penses this year	•	17
Sept. 30.	Balance appropriation in state treasury \$9,275 00		
Sept. 30.	Balance in hands of treas-		
Sept. 30.	Balance in hands of stew- ard of institution 106 47		93
1007		840,167	\$40 ,167 46
1894. Oct. 1.	Balance		\$ 10,457 93

Special Appropriation Funds.

STATEMENT OF SPECIAL APPROPRIATION FUNDS.

Classified Items.	Appropri ation, 1893.	Overdraft on Treas. of institu- tion.	during	Current expense fund to bal.	Balance available Sept. 30, 1894.
New heating system.	\$9,000 00	\$85 07	\$9,085 07		
Finishing interior of shops.	9:500.00		2,459 04	\$4 0 9 6	
Water supply for fire protection State circulating li	6,000 00	. 	3,559 46		\$2,440 54
brary for the blind	1,000 00		186 01		863 99
Total	\$18,500 00	\$ 85 07	\$15,239 58	\$ 10 96	\$3,804 58

STATEMENT OF

At the Wisconsin School for the Blind for

CLASSIFIED ITEMS.	Inventory September 30, 1892.	Purchased during the year.	Transfer'd to this account.	Total.
Amusements and instruction		\$1,300 60 91 64		\$2,598 60 91 64
Drug and medical dep't. Engine and boilers Freight and express (not	14 10 8,671 90	154 16 493 68		168 26 4,165 58
classified)		83 50 4,715 75 453 16 248 80	8,318 00	1 00 161 30 7,360 35 3,530 46 5,265 65 4,777 93
Laundry Machinery and tools Means of instruction Miscellaneous Officers' expenses	683 25 200 75 5,579 16 87 01	109 28 17 60 1,428 97 421 41		742 58 218 35 7,003 18 458 42 166 21
Printing, postage, sta- tionery and telegraph. Real estate, including buildings, etc	99 83	884 68		484 51 165,594 84
Repairs and renewals Subsistel co Wages and salaries Work department Corrections, inventory 1893	94 91 544 84 499 71	6,779 74 10,718 18	788 66	3,989 45 8,113 24 10,718 18 963 98
Total	\$189,423 11	\$32,993 79 29 32	\$ 4,106 66	\$226 ,523 56
Net expenses		\$ 32,964 47		196,879 05 \$29,644 51

Add amount assigned to this institution and set apart by the Secretary of

Current Expenses

CURRENT EXPENSES

the fiscal year ending September 30, 1893.

Inventory September 80, 1895.	Cash received on this account.	Transferred from this account	Total.	Gained.	Expended.
1 00 14 95 3,886 74 98 90 9,323 98 3,461 65		29 82	1 00 29 82 14 95 8,836 74 98 90 2,952 93 3,461 65	29 82	153 81 828 84 1 00 63 40 4,407 42 68 81
4,056 41 8,910 88 886 84 915 85 6,842 30 134 95	40 00		4,056 41 8,910 38 626 42 215 86 6,880 30 184 95		1,209 24 867 55 115 69 2 50 142 88 828 47 166 21 349 80
100 09 426 08 588 19	24 00 35 96 291 86	2,589 00 825 00	100 09 450 03 85 96 880 05	825 00	
\$191,288 55	aries and exp		\$198,879 05		1,088 87 \$29,644 51 1,188 86
					\$80,782 87

STATEMENT OF

A sconsin School for the Blind for

CLASSIFIED ITEMS.	Inventory September 30, 1893.	Purchased during the year.	Trans- ferred to this ac- count.	Total.
				<u> </u>
Barn, farm and garden.	\$ 1, 724 79	\$050 06		40 800 0 5
Clothing and expense of		\$200.00	•••••	\$2,682 85
pupils		82 10		3 3 10
Discount				
Drug and medical dep't.		121 33		136 28
Engines and boilers		333 21		4,169 95
Freight and express not	,			•
classified				
Fire apparatus	98 90			259 18
Fuel	2,223 93			6,254 81
Furniture	3,461 65		\$20 00	8,537 76
Gas and other lights	4,056 41			5,018 17
House furnishing	3,910 38			
Indebtedness		26 0 11		260 11
Laundry	586 84			687 87
Machinery and tools	215 85			223 25
Means of instruction	6,842 30	429 37		7,271 67
Miscellaneous	134 95	· 440 56		575 51
Officers' expenses		108 87		108 87
Printing, postage, sta-				
tionery and telegraph.	184 71	358 47		493 18
Real estate including				
buildings, etc	162,930 84		8,875 00	166,305 84
Repairs and renewals		1,276 08		1,376 17
Scraps		. .		27 48
Subsistence		6.024 74	1,066 21	7,516 98
Wages and salaries	· • • • • • • • • • • • • • • • • • • •	12,132 67	lí	12,132 67
Work department	538 19	295 14		833 33
Maka I	4141 000 55	400 505 00	AF F01 01	
TotalDiscounts	\$181,250 00	\$20,090.20 24.06	\$ 5, 5 61 01	\$225,894 79
21000411401	•••••	~= 00	l	········
		\$28,571 17		198,345 54
Net expenses		 . 	l	\$27,049 25

Add amount assigned to this institution, and set apart by the Secretary of

Current Expenses

CURRENT EXPENSES.

the fiscal year ending September 30, 1894.

Inventory September 30, 1894.	Cash re- ceived on this ac- count.	Transferred from this account.	Total.	Gained.	Expended.
\$ 1,783 96	\$ 188 45	\$1,066 21	\$3,088 62	\$35 5 77	
13 45 3,756 04	75	24 06	24 06 18 45 3,756 79	24 06	\$33 10 122 83 413 10
88 40 2,215 62 3,516 24 4,130 06 4,270 91 	15	729 00	88 40 2,944 77 3,516 24 4,130 06 4,270 91 555 68 213 10 6,996 74 173 47		170 77 4,010 0 21 5 883 1 528 8 260 1 182 1
179 69 166,305 84 71 61 678 72 569 87	55 27 48 82 66 84 60	422 48	180 04 166,305 84 494 64 27 48 711 88 34 60		318 1
\$195,500 17	\$ 585 30	\$ 3,260 07	\$198,345 54	\$ 415 77	\$27,465 0 415 7
tate for salar		 	oard of contr		\$27,049 S

School for the Blind.

STATEMENT OF MONEYS RECEIVED AT THE INSTITUTION.

Classification.	Year end- ing Sept. 30, 1893,	
Barn, farm and garden	\$269 70	
Board and tuition		3
Laundry	18 00	18
Printing, postage, stationery and telegraph Repairs and renewals		27
SubelstenceWages and salariesWork department	35 96	34
Totals	\$779 52	\$665

Farm and Garden Products.

FARM AND GARDEN PRODUCTS.

Articles.	FOR THE YEAR SEPTEMBER 30		FOR THE YEAR ENDIN SEPTEMBER 30, 1894.					
	Quantity.	Amount.	Quantity.	Amount,				
aragus	209 lbs.	\$ 23 15	164 lbs,	\$ 16 40				
f	610 lbs.	36 60	2,963 lbs.	177 78				
ts	120 lbs.	70	40 lbs.	2				
ta	→ bu.	15	84 bu.	27				
	695	6 55	125 bu.	ĩ ż				
• • • • • • • • • •			18 bbl.	22 5				
reens	2 bu.	65		5				
е	222	11 10	1,283	64 1				
3	155 lbs.	77	50 lbs.	2				
	66 doz.	3 80						
			21 bbl.	24 24				
	•••••		834 bu.	7 70				
wer	95 hds.	6 28	24 heads.	2 40				
	2174 doz.	19 49	245} doz.	17 19				
ks	6⅓ tons.	26 00						
	840	5 35	4,342	14 38				
	39 lbs.	1 95	8 qts.	80				
	89 lbs.		19	1 90				
m			61 tons.	82 50				
	180 lbs	5 20	80 lbs.					
erries.	130 lbs 44 qts.	2 20,	136 qts.	. 10 88				
toes		• • • • • • • •	3() lbs.	90				
bi			19	9				
	10 1 bu.	10 25	11 bu.	8 80				
			24 heads.					
vurzels			19 _{x0} tons.	228 60				
	54,832	548 32	59,917	599 17				
lons			88	4 40				
	94 doz.	4 50	57 doz	2 8				
	4 qts	20						
	1 bu.	1 00	5 bu.	5 00				
			28‡ bu.	20 48				
•••••	178 lbs.	5 18	178 lbs.	5 20				
	••• •• ••••	•••••	91 doz.	1 09				
	63 doz.	3 15						
	533 lbs. 42‡ bu	18 72	522 lbs.	15 86				
	424 bu	28 94	219 bu.	139 93				
	15 108.	25		• • • • • • • • •				
sweet	15 lbs. 5 lbs.	25	9					
5	1001	9 47	263 <u>1</u>					
i.a.	199} doz.	8 47						
erries	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	4 qts.					
Dagas		. [9 bbl.	9 (

School for the Blind.

FARM AND GARDEN PRODUCTS--Continued.

Articles.	FOR THE YEAR SEPTEMBER 30						
•	Quantity.	Amount.	Quantity.	Amoun	t.		
Rutabagas			1 peck.	8	08		
Spinach greens	1 bu.	25					
Squash	21 doz.	60	5, doz		25		
Straw			21 tons.	12			
String beans	78 lbs.	1 71	142 lbs.	4	26		
Tomatoes	8,032 lbs.	6 8 33	4,136 lbs.	91	68		
Turnips	1,412 doz.	75.	. 				
Turnips	3 bbl.		8 bbl.	3	75		
Turnips			351 bu.	5			
Turnips			99 lbs.		99		
Vegetable oysters			22 bu.	14	80		
Vine peaches			280	2	80		
Totals		\$851 26		\$1,596	52		





SIXTH BIENNIAL REPORT

OF THE

INDUSTRIAL SCHOOL FOR BOYS,

FOR THE

Two Fiscal Years Ending September 30, 1894.

OFFICERS.

M. J. RHGAN,	SUPERINTENDENT AND STEWARD.
C. H. JOHNSON,	- ASSISTANT STEWARD.
MRS. M. J. REGAN,	MATROX.
M. C. CLARKE,	TREASURES.
-	•
TEACHERS.	
F. CLEARY,	PRINCIPAL.
MISS DORA PARTRIDGE,	Assistant.
MISS EDNA THATCHER,	Assistant.
MRS. ADA K. McDONALD,	Assistant.
MISS ROSE HOOPER,	ASSISTANT.
MISS REBECCA MINSHALL, · · ·	ABSISTANT.
C. A. VANDERPOOL,	Assistant.
J. J. GLEASON,	ABBISTANT.
J. C. KALLEEN,	<u>Assistan</u> t.
J. A. BURNETT,	Assistant.
THOMAS W. WILLIAMS,	BAND INSTRUCTOR.
JOSEPH HAM,	FOREMAN BAKERY.
J. W. RICE, F	OREMAN BOOT AND SHOE FACTORY.
D. G. WOODWARD,	- FOREMAN TAILOR SHOP.
DAVID GARR,	- FOREMAN CARPENTER SHOP.
JAMES B. EVERETT,	 FOREMAN KNITTING SEOP.
W. Z. JOHNSON,	- FOREMAN PAINT SHOP.

SUPERINTENDENT'S REPORT.

To the State Board of Control:

Gentlemen:—I have the honor to submit for your consideration the report of this institution, for the biennial period ending September 30, 1894. Accompanying it are the reports of the principal of the school and of the librarian, with various statistical tables.

HEALTH.

The general health of the school during the past two years has been excellent. Only one death has occurred during that time, caused by pneumonia. The boys have been remarkably free from even the numerous minor complaints.

SCHOOL.

The division of time between school and work has not been changed since the last report. It has been found necessary, during the past two years, to place only about thirty per cent. of the boys entering the school in the first grade as against sixty-five per cent. in the previous two years. A reference to the accompanying tables, in the principal's report, shows this remarkable increase is not confined to the lower grades, but that a greater percentage of boys were admitted to the higher grades than in former years.

A seventh grade has been added which affords additional instruction and raises the standard of the school, placing it upon an equality with many of the free high schools of the state, having a three years' course.

Prof. T. W. Williams, of Milwaukee, continues to instruct two classes of boys in instrumental music, twice each week.

EMPLOYMENT AND INDUSTRIES.

The work performed in the sock factory, boot and shoe and tailor shops is fully shown in the statistical tables. Besides doing the general work of the institution, the boys have helped to make a great many permanent improvements, including the building and laying of sidewalks, excavating, grading and sodding the grounds about the new school building, painting and glazing the said building, besides assisting in putting in the new electric light plant, they doing the principal part of the wiring of all the buildings.

FARM AND GARDEN.

The usual amount of labor has been devoted to the care of the farm and garden. While this department furnishes pleasant and profitable employment, it has been also fairly remunerative, having furnished the hay, corn, oats and vegetables necessary to supply the needs of the institution. The garden and orchard have supplied a large quantity of small fruits.

IMPROVEMENTS.

A number of needed improvements have been made. Among the most important was the erection and equipment of the new eight-room two story school building, furnishing, under the present system of half day sessions, ample school accommodations for six hundred and forty boys. The building is made of the noted Waukesha lime stone and Milwaukee select pressed brick, slate roof and galvanized iron cornice and trimmings. The school rooms are high, airy and well lighted, the ratio of window space to floor space being about two to seven Each room is also furnished with combination fixtures to permit the use of either gas or electric light, there being eighty incandescent lamps in the building alone. Besides the eight

Superintendent's Report.

school rooms mentioned above, the building contains a teachers' reading room and a principal's office. In the basement are located the boiler rooms, coal rooms and two play rooms, heated by steam, for the use of the boys in cold or stormy weather.

A much needed electric light plant has been put in and is now in operation, furnishing four hundred and fifty incandescent lamps and six are lights.

The engine room has been completely overhauled and changed in its general appearance. A new fifty horse power Corliss engine has been placed in service as well as a new fifty horse power boiler. A four inch water main, connected with the force pump in the engine room has been laid to the center of the yard, and there connected with a hydrant, thus furnishing ample fire protection to the barns and the family buildings located on the west side of the grounds.

At the time of laying the water main above mentioned, an inch pipe was put in connecting the large cistern at the barn with the smaller cistern under the laundry. By this means the soft water is siphoned from the barn to the laundry, automatically, as fast as needed, and is the means of a great saving in the wear of our fire engine and hose, which were frequently brought into use to transfer the water that now goes through this siphon as fast as the water in the laundry cistern is lowered. Several sidewalks have been constructed. A new walk has been built across College Avenue, connecting with a six foot asphalt walk, extending the entire length of the grounds in front of the north row of the cottages. A similar walk has been laid around the main building and cottage No. I, another from the main building to the shops, also to and around the new school building. The stone sidewalks on the inside of the grounds have been raised and leveled throughout, thereby preventing their being flooded in wet weather. A new fence, of modern design, has been built from cottage No. 5 to the new school building and from there to cottage No. 10, thus considerably enlarging the general play grounds.

Ten new power machines have been added to the knitting factory which greatly increase its efficiency.

The two inch pipe across the driveway and connecting the boiler room with the engine room, has been replaced by a five inch pipe, the former having proved inadequate to perform the work now required of it. An eight inch sewer has been laid, connecting the bakery, the laundry, the engine room and the officers' closet with the main sewer, adding greatly to the sanitary condition of the grounds. A much needed addition has been built to the paint shop. The unsightly coal and closet buildings that were formerly in each family play ground have been removed and utilized as houses for machinery and sheds in the piggery.

IMPROVEMENTS RECOMMENDED.

I would recommend the establishment and equipment of a complete manual training or trades school in connection with this institution. The value of manual training, in connection with reformatory work, is now beyond the experimental stage as its success in connection with the reformatories in New York, Massachusetts, Ohio and many other states fully and conclusively demonstrate. I would recommend also the placing of all the boys in two large dormatories, the same to be under the constant supervision of a night watchman, thus securing that much needed constant surveillance which cannot be obtained under the present system. This may be accomplished without the erection of any additional buildings. I believe all the buildings should be heated by steam, furnished from the main boiler room, and recommend, as a matter of economy, that the necessary changes be made as soon as possible.

Again I call your attention to the necessity for the appointment of a state agent, whose duty it shall be to provide homes for, and to look after the general welfare of the boys who have been paroled, visiting them at times and keeping a record of

Superintendent's Report.

their general conduct and treatment. The aid of such an officer would be of great benefit to the school and to the boys and his statistical reports would be of much value.

Our library, at present, is not in a very good condition. All of the books are more or less worn, and many of them are hardly fit for circulation.

CONCLUSION.

In couclusion, I desire to tender my sincere thanks to the clergy who have cheerfully responded to our calls, to the editors and publishers of newspapers and periodicals, and to the American Sunday School Union, of New York and to all concerns that have gratuitously furnished reading matter to the school, also to others who have interested themselves in the welfare of the institution.

I wish to express my personal obligations to the officers of the different departments for their cheerful co-operation, and finally I desire to express my sincere thanks to your honorable Board for valuable assistance and advice.

Respectfully yours,

M. J. REGAN, Superintendent.

October 1, 1894.

STATISTICS.

TABLE No. 1. Movement of population.

·	1893.	1894.
Number on roll October 1, 1892 and 1893	303 184 13	313 198 26
·	500	537
Released on parole	182 1 3 1	175 11
On roll October 1	313	351
Average number of boys during year	823 855 803 3,517 3,204 813	\$81 313 3,715 3,364

Statistical Tables.

TABLE No. 2.

Number of inmates received each year from the opening of the school.

			,			· I				
FOR THE YEAR	Numb commit		ρ pe-	Num retur		ived dur	at	close e yes	of	nber
Ending—	Boys.	Girls.	Total from ginning.	Boys.	Girls.	Total received ing year	Воув	Girls.	Total.	Whole number for year.
Dec. 31, 1860 Sept. 30, 1861 Sept. 30, 1863 Sept. 30, 1864 Sept. 30, 1864 Sept. 30, 1865 Sept. 30, 1866 Sept. 30, 1866 Sept. 30, 1869 Sept. 30, 1870 Sept. 30, 1871 Sept. 30, 1872 Sept. 30, 1873 Sept. 30, 1874 Sept. 30, 1875 Sept. 30, 1875 Sept. 30, 1877 Sept. 30, 1877 Sept. 30, 1878 Sept. 30, 1878 Sept. 30, 1889 Sept. 30, 1889 Sept. 30, 1883 Sept. 30, 1883 Sept. 30, 1884 Sept. 30, 1885 Sept. 30, 1884 Sept. 30, 1885 Sept. 30, 1888 Sept. 30, 1888 Sept. 30, 1888 Sept. 30, 1888 Sept. 30, 1888 Sept. 30, 1888 Sept. 30, 1889 Sept. 30, 1889 Sept. 30, 1899 Sept. 30, 1899 Sept. 30, 1892 Sept. 30, 1891 Sept. 30, 1892 Sept. 30, 1893 Sept. 30, 1892 Sept. 30, 1893 Sept. 30, 1893 Sept. 30, 1893 Sept. 30, 1893 Sept. 30, 1893	115 108 107 140 151 117		246 353 400 168	14 4 4 4 4 6 8 8 13 12 8 10 5 7 7 8 6 6 6 7 7 7 7 13 13 26		88 72		77 55 4 133 200 211 168 122 2	40 40 55 72 187 155 184 155 168 176 206 239	81 80

TABLE No. 3.

Nationality of parents of those received during the biennial period ending September 30, 1894.

~			
American Bohemiam Belgian Canadian Danish Dutch English French German Hollander Indian, half-breed Irish Italian	4 4 2 7 1 27 19 116 1 1 82	Negro. Norwegian. Polish Russian Scotch Swede Unknown. Welsh Scotch Canadian	40 2 11 4 6

TABLE No. 4.

Social and domestic relations.

Both parents living Parents separated No parents	183 41 22	Mother and step-father Father and step-mother Unknown	27 29 5
Mother only			
Father only	29		382

TABLE No. 5.

Birthplace of inmates.

Belgium Bohennia Canada California Colorado Connecticut Denmark En-route to America England Germany Illinois. Italy Ireland Iowa	1 9 1 1 2 30 18 1 2 4	Michigan Missouri Norway New York Nebraska North Dakota Ohio. Poland. Rhode Island. Russia Scotland South Dakota Sweden Unknown	8 1 9 7 1 1 2 9 9 1 1 2 4
Indiana	1 2	Virginia	1
Maine Minnesota Massachusetts	1 12 1	Wisconsin	238 382

Statistical Tables.

TABLE No. 6.

Showing how many boys were committed from the different counties, for what offense, and their age when committed.

	OFFENSES,						A	AGE OF BOYS WHEN COMMITTED'														
	Total number of toys com- mitted.	Assault.	Burglary.	Incorrigibility.	Larceny.	Obtaining money and goods under false pretenses,	Placing tie on R. R. track.	Receiving and posse sing forged checks,	Vagrancy.	8 to 0 years.	9 to 0 years.	10 to 11 years.	Il to 12 years.	12 to 13 years.	13 to 14 years.	14 to 15 years.	15 o 16 years.	16 to 17 years.	17 to 18 years.	18 to 19 years.	10 to 20 years.	20 to 21 years.
Ashland, Barron Bayfield Brown Chippewa Calmet Coark Columbia Crawford Dane, Douglas Douglas Douge Door En Claire Fond du Lac Grant Green Iowa Jackson Junean Jefferson Kenosha Kewaunee La Crose La Fayette Langiade, Manitowoe Marathon Illiwaukee Marinette Monroe Oconto Oconto Outagamie Perce Polk Fortage Racine Richiand Bock et Croix Saik Sbeboygan Taylor Trempealean Vernon Walworth Washington Wantenba	8 6 1 1 3 8 6 2 2 8 6 2 2 1 1 1 0 6 2 8 5 5 4 4 2 1 8 1 1 1 1 1 5 2 8 5 5 5 5 4 4 5 5 2 1 1 6 1	The state of the s	3 41 2	221832151653 :112313 :111611 :30243731 :2131513133 :2	13.3211744221	1			11 2 1 2 12 2 1	THE THE THE PASSED AND THE PASSED AN	Control of the contro	1 1 2 28	1 1 211 1 4 12 1	2 2 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1	2 2 2 1 1 1 1 1 1 1 2 1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 1 1 8 8 1 2 2 1 1 1 1 1 1 1 1 1 1	1 2 1 1			1
Wangaca Wangaca Winnebago Wanghara Wood	2 24 3 14 382	1	2	6 1 1	18 1 9	2	1 1 1 1		1 1 2 23	1	1	1 2 2 3 1	1	ī	i	3	4 1 2	2	5	5	1	1

TABLE No. 7.

Division of labor at the close of the biennial period.

Boot and shoe factory 10 Carpenter shop. 1 Engine room. 4 Family cottages. 40 Errand boys. 2 Laundry. 40	Paint shop 3 Pickets 2 Sock factory 132 Store 2 School rooms 7 Tailor shop 28 Teamsters, barn and farm work 47 Yard - 351 =
--	---

TABLE No. 8.

Amount of work done in boot and shoe factory during biennial period.

Men's and boy's boots, dozens	3
Men's and boy's shoes, dozens	188
Boots and shoes repaired, dozens	446

TABLE No. 9.

Amount of work done in sock factory.

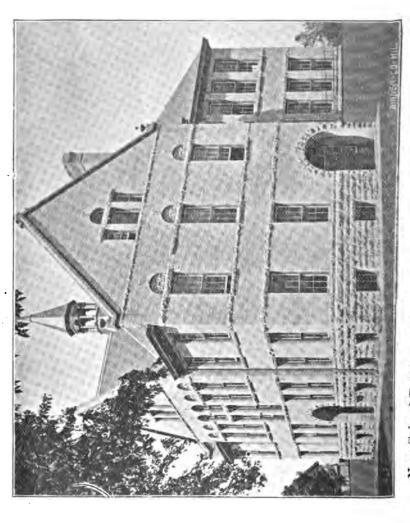
Machine made socks,	dozens	6,345
---------------------	--------	-------

TABLE No. 10.

Amount of work done in tailor shop.

Aprons. Biouses Caps Holders	52 458 562	Pants1 Rugs	,977 13
Jackets	655		





New School Building, Industrial School for Boys, Waukesha-1894.

Principal's Report.

PRINCIPAL'S REPORT.

To M J. Regan, Superintendent Wisconsin Industrial School.

The following is the report of the schools for the two years ending September 30, 1891:

•	1893.	1894.
Number under instruction at the beginning of the year	303	318
Number newly committed during the year		
Number returned during the year	12	26
Number under instruction during the year	499	537
Number that left	186	186
Number on roll September 30	313	351
Number received that could not write		22
Began reading from first reader	51	59
Began reading from second reader		62
Began reading from third reader	41	44
Began reading from fourth reader and United States history		33
Total	184	198
Entered 1st grade	51	
Entered 2d grade	42	
Entered 3d grade	41	44
Entered 4th grade	! 31	
Entered 5th grade	, 11	
Entered 6th grade	8	4

The grading of the school is the same as at the date of the last biennial report, with the exception of the addition of the seventh grade which gives additional instruction in mensuration, elementary algebra, composition, natural philosophy, and constitution of the United States and of Wisconsin. A complete revision of the course of study has also been made since the date of the last report, with a complete outline of the work in each grade, accompanied by detailed outline as to subject matter and methods of instruction.

The fifth grade has been discontinued in the afternoon as one grade has been sufficient to accommodate all who reached it. Under the present arrangements, promotions are made three times a year, December 31st,

April 30th and September 30th. This fact, coupled with the great number of boys paroled from the higher grades, has greatly reduced the enrollment in those grades.

The following tables show the work and attendance by grades:

MORNING SCHOOL.

FIRST GRADE.-MISS D. PARTRIDGE, TEACHER.

	,	1893.	1894.
Number in attendance Number in reading (let) Number in reading (2d) Number in language Number in arithmetic (oral) Number in spelling		21 21 21 21 21	24 11 13 24 24 24 24

SECOND GRADE.-MISSES R. MINSHALL AND E. THATCHER, TEACHERS.

	1893.	1894.
Number in attendance Number in reading (2d) Number in language Number in arithmetic Number in geography (oral) Number in geography (introduc.) Number in writing and spelling	29 29 29	- 31 31 31 31 31 31 21

Principal's Report.

THIRD GRADE.-MRS. A. McDonald, TEACHER.

	1893.	1894.
Number in attendance. Number in reading (3rd). Number in language. Number in arithmetic. Number in geography (introduc.). Number in writing and spelling.	36 36	37 37 37 37 37 37

FOURTH GRADE.—C. A. VANDDRPOOL, TEACHER.

	1893.	1894.
Number in attendance. Number in language. Number in geography (large). Number in physiology. Number in reading (4th). Number in writing and spelling.	30 30 30	4(4(4(4(4(4(

FIFTH GRADE.—MISS R. HOOPER, TEACHER.

	1898.	1894.
Number in attendance	1	
Number in language	37 37	35 35
Number in language Number in arithmetic	87	35
Number in geography	27	85
NUMBER IN DIVEROIOGY	1 37	38
Number in history Number in writing and spelling	17	15
Number in writing and spelling	37	8

AFTERNOON SCHOOLS.

FIRST GRADE.—MISS R. MINSHALL, TEACHER.

	1893.	1894.
Number in attendance	21 21 21 21 21	24 7 17 24 24 24

SECOND GRADE. - MISS THATCHER, TEACHER.

	1893.	1894.
Number in attendance Number in re dding (2nd) Number in language Number in arithmetic Number in geography (oral) Number in geography (introduc.) Number in writing and spelling	30 30 30 30 30	36 36 36 36 19 17 36

THIRD GRADE. - MRS. A. McDonald and MISS R. HOOPER, TEACHERS.

	1898.	1894.
Number in attendance Number in reading (3d) Number in language Number in geography (introduc.) Number in arithmetic Number in writing and spelling	87 87 87 87	36 36 36 36 36 36

Principal's Report.

FOURTH GRADE.—A. L. JACKSON, TEACHER.

	1893.	1894.
Number in attendance Number in reading (4th) Number in language Number in arithmetic Number in geography (large) Number in physiology Number in writing and spelling	31 31 31 31	40 40 40 40 40 40 40

SIXTH GRADE.-J. J. GLEASON, TEACHER.

	1893.	1894.
Number in attendance Number in language Number in arithmetic Number in geography Number in history Number in writing and spelling	•••••	21 9

SEVENTH GRADE-F. CLEARY, TEACHER.

	1893.	1894.
Number in attendance Number in menstruation and algebra Nunber in composition. Number in natural philosophy Number in constitution (U. S). Number in constitution (Wis.). Number in physical geography	• • • • • • • • • • • • • • • • • • •	8 8 3 7 5

The text books in use are as follows: Readers, Harper; language, Reed and Kellogg; arithmetic, Robinson and the Essentials of Arithmetic; geography, Harper; physiology, Smith; United States history, Barnes; constitution, Wright; spelling, Reed; copy books, Spencerian This report is respectfully submitted.

F. CLEARY,

Principal.

LIBRARIAN'S REPORT.

Few additions have been made to the library during the past two years. In consequence of much usage, all of the books are more or less worn and many of them have been repaired so often that they are no longer fit for circulation. The selection of books now in the library is good, and should be kept up by replacing the worn out books by new ones. I would recommend that at least a sufficient quantity of new books be purchased to make a complete classification of them possible, said classification to be made upon the basis of the list of library books sent out by the state department of public instruction.

Respectfully submitted,

F. CLEARY, Deputy Librarian.

Current Expense Fund.

STATEMENT OF CURRENT EXPENSE FUND-1893.

1892. Oct. 1.	Balance	 <i>.</i>	\$ 39,482 54
1893. Jan. 1. April 15. Sept. 30.	From counties		8,584 81 92,000 00 5,322 79
1892. Dec. 28. 1893.	Bal. water tower fund as per sec. 2, chapter 33, laws 1882		
July 19. Sept. 30.	Transferred for expenses of Board of Control	2,400 54	
Sept. 30.	penses this year	,	
Sept. 30.	Bal. in hands of treasurer of institution 1,171 94		
Sept. 30.	Bal. in hands of steward. 134 86		\$145,340 14

STATEMENT OF CURRENT EXPENSE FUND-1894.

1893. Oct. 1. 1894. Jan. 1. Sept. 30. July 9. Sept. 30.	Balance From counties Steward for sundries Transferred for expenses of Board of Control Paid on account of current expenses this year	\$ 2,400 54	\$76,034 28 8,055 53 4,445 11
Sept. 30.	Balance appropriation in	· ·	
Sept. 30.	state treasury\$25,923 50 Balance in hands of treas- urer of institution 286 72		
Sept. 30:	Balance in hands of stew- ard of institution 117 73		
1894.		\$88,534 92	
Oct. 1.	Balance		\$26,327 95

STATEMENT OF

At the Industrial School for Boys

CLASSIFIED ITEMS.	Inventory September 30, 1892.	Purchased during the year.	Trans- ferred to this ac- count.	Total.
Amusements	\$921 20	\$591 93		\$1,513 1
Armory	49 15			49 1
Barn, farm and garden.	10,962 31	1 583 34		12,545 6
Boot and shoe factory	2,935 06	778 01		4,713 0
Clothing	1,720 68	3.959 78	\$2,512 31	8,192 7
Discount	1,	0,000 10	\$0,012 01	
Drug and medical depart				
ment	105 79	428 91		534 7
Engine and boilers	2,828 72	177 39		2.501 1
Elopers		282 00		282 00
Freight and express (not				202 0
classified)		40 63		40 68
Fire apparatus	4,651 61			4.990 6
Fuel	5,061 28	6,745 94		11,807 2
Furniture	4,720 85			4,770 8
Gas and other lights	48 75			1,327 7
Hides and pelts	20 10	2,210 02	25 87	25 8
House furnishings	11,837 73	2 551 91		13,889 64
Indebtedness		88 00		33 00
Laundry	706 10	438 78	60 00	1,204 8
Library				467 61
Machinery and tools		103 23		501 00
Means of instruction	1,052 98	800 60		1,353 58
Miscellaneous		807 71		807 71
Officers' expenses		46 30		46 30
Printing, postage, sta		10 00		10
tionery and telegraph.	439 61	456 75	Sec. 11. 120	896 36
Real estate, including				0.00
buildings, etc	214,495 09		6,123 85	220,618 94
Repairs and renewals	445 64			3,544 70
Scraps.			32 86	32 86
Sock factory	4,416 68	6.993 39		11,410 07
Subsistence		15,769 93		23,729 64
Wages and salaries				19,024 48
Total	\$380,000,00	300 QQ1 47	\$14 998 DO	9950 955 95
Total	\$508,000 62		\$14,886 98	
~				
Į	ŀ	\$66,831 47		293,593 90
Net expenses		150.00		\$57,261 37

Add amount assigned to this institution and set apart by the Secretary of

Current Expenses,

CURRENT EXPENSES

for the fiscal year ending September 30th, 1893.

Inventory September 30, 1893.	Cash re- ceived on this account.	Transferred from this account.	Total. Gained.		from this Total. Gained. Expe		
\$967 85 49 15 , 11,759 86 2,842 61 1,213 52	\$731 79 158 70 47 09	\$6,132 09 2,896 65 53 00	49 15 18,623 74 4,897 96	184 89			
108 26 2,366 89	10		108 36 2,366 89		426 34 134 22 282 00		
703 02 449 20 426 08 1,193 13	25 87 1 14 1 95 32 86 4,294 68	1,382 52	277 54 220,618 94 2,417 14 32 86		1,051 78		
	28 05		28 05	********	18,996 38		
\$216,022 46	\$5,322 79	\$12,248 65	\$293,593 90	\$6,815 98	6,315 9		
					\$57,261 3		
State for sal	aries and exp	enses of the	Board of Con	trol	2,400 5		
					\$59,661 9		

STATEMENT OF

At the Industrial School for Boys

CLASSIFIED ITEMS.	Inventory September 30, 1893	Purchased during the year.	Trans- ferred to this account.	Total.	
Amusements	\$967 85	\$716 90		\$1,684 75	
Armory	49 15			49 15	
Barn, farm and garden.	11,759 86	1,912 81		13,672 67	
Boot and shoe factory	2,342 61	1,656 79		3,999 40	
Clothing	1,213 52	4,233 16	2,207 06	7,653 74	
Discount					
Drug and medical de partment	108 26	425 37		533 63	
Engine and boilers	2,866 89	289 22		2,656 11	
Elopers	2,000 00	330 37		330 37	
Freight and express (not		22 00		22 00	
classified)	4 809 04				
Fire apparatus	4,583 94	157 03		4,740 97	
Fuel	4,471 21 4,712 75	3,329 71		7,800 92	
Furniture		40 00		4,752 75	
Gas and other lights	44 75	1,538 02		1,582 77	
House furnishing	11,198 41	2,443 37		13,641 78	
Indebtedness		8 00		8 00	
Laundry	703 02	397 10		1,100 19	
Library	449 20	15 00		464 20	
Machinery and tools	426 08	161 41		587 49	
Means of instruction	1,193 13	779 30		1,972 43	
Mispellaneous	• • • • • • • • • • •	896 68		896 68	
Officers' expenses		134 25		134 25	
Printing, postage, sta	277 54	FO1 90		200 00	
_ tionery and telegraph.	277 54	521 36		798 90	
Real estate, including	000 010 01			000 010 01	
buildings. etc	220,618 94	0.005 40		220,618 94	
Repairs and renewals	334 28	3,925 49		4,259 77	
Scraps	2040.00	0 000 0	49 01	49 01	
Sock factory	5,948 00	2,229 95	0 707 00	8,177 95	
Subsistence	2,253 07		3,797 03	20,757 28	
Wages and salaries	••••	19,009 65		19,009 65	
Total	\$276,022 46		\$6,053 10	\$341 ,955 63	
Discount		73 64			
]					
		\$59,806 43		280,452 82	
Net expenses				\$61,502 81	

Add amount assigned to this institution and set apart by the Secretary of

Current Expenses,

CURRENT EXPENSES

for the fiscal year ending September 30, 1894.

Inventory September 30, 1894.	Cash re- ceived on this account.	Transferred from this account.	Total. Gained		Expended.
\$931 85 49 15 10,953 30 2,362 79 1,345 86	662 50 48 85	8,797 08 2,070 15 73 64	49 15 15 412 83	1,740 16 481 89 78 64	\$752 90 6,270 67
61 25 2,412 90	10				472 28 243 21 830 87
4,683 00 50 70 11,095 60 701 96 480 20	1 02 17 55		2,407 74 4,688 00 51 72 11,113 15 701 96 430 20 485 74 1,878 78		34 00 101 75 598 70 756 68 134 25
345 12 220,618 94 487 64 3,494 36 1,065 77	32 00 49 01 8,416 22 21 64 18 94		220 618 94 568 65 49 01 7,047 49		1,180 46 19,669 82 18,990 71
***************************************	\$4,44 5 11	\$ 0,120 74	\$600,40 <i>a</i> 82		2,295 69 \$61,502 81
State for mia	ries and expe	enses of the B	oard of Cont	rol	2,400 54 \$68,908 85

STATEMENT OF SPECIAL APPROPRIATION FUNDS.

CLASSIFIED ITEMS.	Balance available Oct. 1, 1892.	Appropriation, 1893.	Expended during biennial period.	Current expense fund to balance.	Balance. available Sept. 30, 1894.
Water tower and reservoir	\$ 73 85			\$73 85	
heat		\$18,000 00	\$17,883 22		\$116 78
Total	873 85	\$18,000 00	\$17,883 22	\$73 85	8116 78

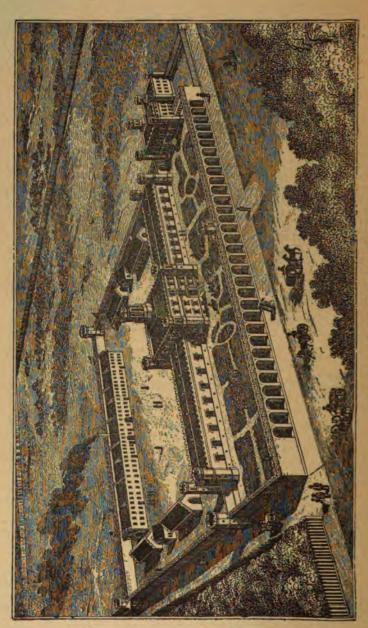
STATEMENT OF MONEYS RECEIVED AT THE INSTITUTION.

	Year ending Sept. 30, 1893.	Year ending Sept. 30, 1894.
Barn, farm and garden	\$731 79	8662 50
Boot and shoe factory	158 70	200 000
Clothing	47 09	
Drugs and medicines	10	
Gas and other lights		1 02
Hides, pelts and tallow	25 87	
House furnishing	1 14	
Means of instruction	1 95	
Miscellaneous		140 00
Repairs and renewals		32 00
Scraps	32 86	49 0
Sock factory	4,294 68	
Subsistence	56	21 6
Wages and salaries	28 05	18 9
Total	85,322 79	84,445 11

Farm and Garden Products.

FARM AND GARDEN PRODUCTS.

	1893	3.	1894	4.		
	Quantity.	Value.	Quantity.	Value.		
Annies Sib sysb	F	*0 F 0				
Apples, Sib., crab.	bus. 5 bus. 82∔	\$ 2 5 0 65 00	bus. 94	#10 00		
Asparagus/ Barley/	bus. 183	59 85		\$19 00		
Beans	bus. 150	800 00	· • • • · • • • • • • • • • • • • • • •			
Beans, green		17 50	bus, 154	7 7		
Beets	bus. 75	13 50	bus, 169	19 6		
Beef	lbs. 1,353	81 18		• • • • • • • • • • • • • • • • • • • •		
Bull		20 00				
Calves	hds. 4	33 0 0	hds. 14	114 0		
Cabbage	hds. 1,500	45 00	hds. 1,000	30 00		
Cauliflower	hds. 29	2 90	hds. 86	3 6		
Carrots	bus. 1,500	225 UO	bus. 2,000	80u 00		
Cows	hds. 3	85 00	hds. 4	105 0		
Currants	bus. 21	4 67	,			
Cucumbers	bus. 59	59 00	bus. 46	46 0		
Corn	bus. 8,012	602 40	bus. 1,300	715 0		
Corn, green	bus. 185	74 00	bus. 701	28 2		
Cornstalks		350 00	T. 120	420 0		
Celery	hds. 1,500	18 75				
Hay	T 210	1,680 00	T. 144	1,152 0		
Horse	hd. 1	80 00				
Horse radish	1.3- 20	**************************************	bus. 7	2 8		
Lettuce		59 00	bus. 474	47 5		
Milk	gals. 20,075	3,212 00	gals. 12,168	1,825 2		
Mangel-wurzels Musk melons	bus. 1,000	125 00	bus. 1,000	125 0		
Onions	bus. 258	189 75	bus. 1 bus. 1144	1 00 68 70		
Oats	bus. 8,007	962 24	bus. 114½ bus 3,000	960 0		
Parsnips	bus. 40	18 00	bus 5,000 bus. 40	16 0		
Potatoes	bus. 814	488 40	bus. 328	258 40		
Pieplant	bus. 50	25 00	bus. 39	19 5		
Popcorn	bus. 10	6 00		100		
Pork	lbs. 6,818	310 90	lhs. 12,716	635 8		
Pigs	hds. 83	96 50	hds. 115	828 0		
Pumpkins	loads 10	7 50				
Peas, green	bus. 118	59 00:	bus. 158	79 0		
Radishes	bus. 30	90 00	bu4. 23	66 0		
Kaspberries	bus. 1433	44 53	bus. 2	6 0		
Salsify	bus. 50°	12 50	bus. 50	12 5		
Strawberries	qts 4,108	385 18				
Straw.	T. 40	1 60 0 0	T. 50	200 0		
Squash	T. 24	35 UA	T. 2	25 0		
Spinach	bus. 54	1(8 00	bu₁. 81	163 0		
Water melons	bus. 20	20 00		40 0		
Tomatoes	bus. 57	28 50	bus. 28	11 5		
VealVealings	lbs. 2,248	134 88	lbs. 1,046	68 70		
Yearlings	••••••	• • • • • • • • • • •	hds. 10	100 0		
		210 975 09		A 0 010 0		
		\$10,375 08		\$8,018 8		



The State Prison, Waupun.

SIXTH BIENNIAL REPORT

OF MITE

WISCONSIN STATE PRISON

FOR THE

Two Fiscal Years Ending September 30, 1894.

OFFICERS.

A Sec Bo

Tele IV

ord to

P. B. LAMOREUX,	38						- 4		*		WARDI	IN AN	D STEWARD
JOHN C. GEBHART,				-							- 1	EPU	TY WARDES.
JACOB FUSS, .	-	4.			4								. CLERK.
REV. T. J. BROWN,				4		*		2		4	-	4	CHAPLAIN.
REV. E. ALLEN,			1								. CAT	HOLI	C CHAPLAIS.
G. F. MESSER, M. D.										,.		-8	PHYSICIAN-
MISS PHŒBE C. GR	IDE	R, .			4						MATRON	FEN	TALE PRISONS
M. C. CLARKE, .						4					131	1	TREASUREE

WARDEN'S REPORT.

Wisconsin State Prison,
Waupun, October 1st, 1894.

State Board of Control

lemen:—I have the honor to submit herewith, my rer the two years ending September 30th, 1894, together he reports of the chaplain and physician.

prison population at the date of my last report was 481 and 17 female, total, 498 prisoners. Since then the r has steadily increased and is now 638 male and 24 total 662 prisoners, including 81 life prisoners, 8 senfor general terms and 17 sentenced by United States

average population during the year ending September 3, was 537; and during the year ending September 30, 99. Only nine prisoners were received on general term ses and one returned to prison for violating the condition of his parole.

have been made in and about the prison buildings. A is residence has been built on the grounds owned state outside the walls and adjoining the prison on the A one story stone building with basement has been on the west side and adjoining the main building, conton upper floor, kitchen and dining room for officers, and to be used for prisoners' dining room. The root has been enlarged and a second story added, which is cupied as a tailor shop.

blacksmith shop has also been refitted and the second sed as a knitting shop. The main building has been thly repaired and remodeled.

The hospital, formerly located at the north end of the north cellroom, has been removed to the second story of the main building and in its place 36 new steel cells have been put in, also dividing the double cells and enclosing several passage ways, thereby adding 60 new cells and increasing their number to 564.

This, however, is not yet sufficient to conform with the law and confine the men in separate cells; nearly 100 cells are now occupied by 2 men each. I would recommend that an appropriation be asked to increase the capacity of both cell rooms to 800 cells.

In my last report I urged the putting in of an electric light plant for the reason that it would be cheaper, more satisfactory and subject to less danger from fire. The men have to work in the shops and march through the yard after dark and the old plant now in use is not sufficient for that purpose. I would again call your attention to this matter and recommend an appropriation for a new electric light plant for the whole prison.

On account of the depression in business last summer, the contractors were compelled to reduce the force employed in the shoe factory to 300 prisoners, the number called for by the contract. This made it necessary to seek other employment for the idle men, and therefore a tailor shop and knitting shop were added to the industries of the prison, both now having been operated about 5 months and employing from 80 to 85 men.

I would again call your attention to the system of grading prisoners, referred to in my last report, and recommend the enactment of a law, giving the governor of the state the power to suspend sentence in meritorious cases; such prisoners to be remanded back to prison, in case they violate any of the conditions under which sentence was suspended.

The health of the prisoners has been generally good and the discipline all that can be desired. Several attempts to

Warden's Report.

ape have been made, but all were recaptured and returned the prison.

he relations with the contractors and their superintend-Maj. A. D. Pratt, continue to be pleasant and satisfactory. Il of which is respectfully submitted,

> P. B. LAMOREUX, Warden.

STATISTICS.

Table No. 1.

Admissions and Discharges.

			Male.	Fe. male.	Total.
Number confined Oct. 1, 1892		481 286 384	17 14 11	498 300 395	
			1,151	42	1,193
	Male.	Fe- male.			
Discharged during the year ending Sept. 30, 1893	251 2 2	7			
Discharged during the year ending Sept. 30, 1894	251 1 6	11	513	18	531
Remaining Sept. 30th, 1894			638	24	662

verage number during the year:
ending Sept. 30th, 1894 600 ending Sept. 30th, 1893 537 ending Sept. 30th, 1892. 519 ending Sept. 30th, 1891 530 ending Sept. 30th, 1891 530 ending Sept. 30th, 1890 520 ending Sept. 30th, 1899 460
ending Sept. 30th, 1893
ending Sept. 30th, 1892
ending Sept. 30th, 1891
ending Sept. 3 th, 1890
ending Sept. 30th, 1889
ending Sept. 30th, 18*8
ending Sept. 30th, 1007
ending Sept. 30th, 1887
ending pebt. 2000. 1000

Statistical Tables.

TABLE No. 2.

Whole number of days spent in prison.

	18	95.	1894.		
er of days during the year.	190,005 6,077		215, 144 7,259		
		196,092		222, 403	
nd holidayspitalroomper sentenceunishment	82, 779 1,018 417 40 76 367 1,435 46 408 10,761	47,847	35,989 1,994 990 31 77 467 2,405 122 610 25,596	68,191	
tectly productive. tendants s and barber ing iop. arden shoeshop and menders spartment. soners	304 608 8, 952 709 278 8, 847 618 304 1, 180 2, 060 1, 987 601 6, 077 3, 262 658	27,180	305 481 4,100 913 305 8,868 877 540 1,553 879 2,442 8,020 622 6,279 2,785 614	20, 588	
abor. I boilers. airs residence iiding. cellroom building. manufacturing op, building. soners, knitting shop.		121,605	101,989 1,259 2,102 549 3,871 1,877 1,212 6,427 143 4,217 963	124,629	
productivelabor		24-11 13-83 62-06		80-86 13-30 56-04	

TABLE NO. 3.

The State Prison.

55,100,29 4,819,59 5,444,45 5,427,23 4,962,111 5,874,80 5,885,73 5,645,68 4,443,43 4.27283 50,301,13 3,750 Amount 3,900 received. 04620104448 03 Consolidated statement of couract labor for the year ending September 30, 1893. Total number of days charged. 00 10,200 9,639 10,888 10,854 10,771 11,291 11,291 8,886 8,545 8,545 7,500 5,100 123,152 2,081 45 1,967 11 2,222 13 6,271,69 Deduction choreman. 111 111 20 108 544 21 99 242 10 117 496 01 117 114 40 118 918 45 118 918 45 119 918 45 119 918 45 119 918 45 119 918 45 119 918 45 119 918 45 119 918 45 119 918 45 Total number of hours. 104,087 98,350 1,186,517 pay 8845 842 800 800 390 Average number emplosed per day 11, 120 10,858 9,926 11, 747 10, 777 11, 291 8,889 8,548 7,794 7,794 118,675 work done. Number of Totals October, 1892 April, 1893 May, 1893 November, 1893 January, 1893..... February, 1893 December, 1892..... MONTH. March, 1893 June, 1893..... September, 1893 August 1893 July, 1893

*During August and September the contractors did not employ 300 men as per contract, but they were charged and paid for that number. This will explain the difference of 276 hours, 25 minutes between the "total numb r of hours" and "total number of days charged" in these months,

Statistical Tables.

Total number of Amount days charged, received.	7,900 4 30 8,950 92 7,508 4 10 8,774 48 7,288 2 45 8,613 171 8,827 1 25 8,618 14 8,585 8 20 4,282 91 9,434 7 37 4 4,113 59 9,434 7 37 4 4,282 91 9,434 7 37 4 4,385 98 8,766 6 15 4 4,899 81 8,749 6 15 4 4,899 81 8,743 4 55	102,041 7 52 \$51,020 87
Total Tot hours.	75, 489 30 775, 489 30 775, 489 30 775, 981 45 72, 882 45 72, 882 45 88, 271 55 86, 707 35 87, 562 55 87, 484 55	1,020,417,52
Average num- ber employed	800 800 800 800 800 800 800 800 800 800	332
Number of days work done.	7,503 7,418 8,039 8,589 7,411 9,54 9,589 9,589 8,589 9,804 8,804	101,989
MONTH	October, 1893 November, 1893 November, 1893 December, 1894 February, 1894 April, 1894 March, 1894 May, 1894 June, 1894 August, 1894 August, 1894	Totals

TABLE No. 4.

SUMMARY OF RECEIPTS.

Counties where convicted.

	1893.	1894.	1	1893.	1894.
Ashland	16	12	Marathon	7	8
Barron	9	14	Marinette	8	8
Brown	14	9	Milwaukee	9	15
Bayfield		9	Oconto	- 1	-
Burnett	2		Outagamie	4	3
Buffalo		6	Oneida	6	
Calumet	1		Ozaukee		3
Chippewa	5	6	Pierce	4	
Clark	1	3	Price	4	
Columbia	6	7	Portage	5	1
Crawford	3	4	Polk	1	
Dane	14	16	Racine	13	1
Dodge	8	4	Richland	4	
Douglas	18	13	Rock	12	1
Dunn	2	5	St. Croix		,
Door		2	Sauk	1	
Eau Claire	11	9	Sheboygan	5	3
Fond du Lac	5	8	Sawyer		
Forest	1		Taylor	1	1
Grant	7	9	Vernon		3
Green	2	2	Vilas		1
Green Lake	3	1	Waukesha		9
Iowa	2	1	Walworth		
Iron		î	Winnebago		5
Jackson	i	1	Waupaca	1	5
Jefferson	ī		Waushara		
Juneau	5	4	Wood		4
Kenosha	6	2	Washburn		
Kewaunee	1		Washington		1
La Crosse	24	18	U. S. courts		8
Langlade	2	5	Violation conditions of		
La Fayette	3	3	parole		
Lincoln	3	1	Paronoitti	_	
Manitowoc	3	3		300) ;
Monroe	3	10		==	-
	U	10			

Statistical Tables.

Residence when arrested.

10 10 Marinette. 1 6 8 8 Milwaukee. 14 20		1893.	1894.	Counties-	1893	. 1894
		10	10		-	
		3	8	Milwaukee		
13 7 Ozaukee		100	2	Monroe		-
18		2	60	Ozaukee		
States and Territories States and Territor		13		Oconto		
1		2	5	Outagamie		ã
1		3		Oneida.	- 5	9
		1	4	Pierce		3
1		140		Price		
3		5	8	Polk	1.00	- 2
A		2	3	Portage	9	18
Richland 2 1		4		Racine	7	B
Rock				Richland	9	1
E		7		Rock	7	
Sheboygan				St. Croix	9	
Sheboygan		5		Sank	~	
Sawyer				Shehovgan	1	0
Taylor		200		Sawyer	100	
Vilas	ke		100	Taylor	**	
1		7		Vilag	**	
1				Vernon		
States and Territories States and Territor				Winnehago	-	
Wood 2 6 Walworth 5 Washburn 3 Washburn 3 Washburn 1 Washburn 1 Walworth 5 Walwesha 5 Walwesha 5 Walwesha 5 Walwesha 5 Walwesha 5 Walwesha 6 3 Total 162 260 = =				Wannaga	-	
States and Territories States and Territor				Wood		
Section Sect		-	2.5	Welmorth	- 3	0
States and Territories			9	Washburn		
States and Territories		-		Washington	**	
States and Territories	te			Wankasha	**	
Total Tota				Workhows		
Total 162 260		· a		waushara		4
1893 1894 1893 1893 1894 1893 1893 1893 1894 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893 1893				Total	100	000
1893. 1894. States and Territories 1893. 1894.				Total	7000	
States and Territories			9		==	-
States and Territories		1898.	1894. 1		1909	1004
Maine		-		States and Territories_	1000.	1004.
Missouri 3 1 Miscouri 3 1 Michigan 9 15 New York 29 8 Nebraska 4 Ohio 9 3 3 4 Oregon 1 Pennsylvania 12 6 Rhode Island 1 Sets 3 5 Tennessee 1 1 1 16 107 = = =		2	3	Maine	1	
at 4 Michigan 9 15 2 New York 29 8 3 12 Ohio 9 3 3 4 Oregon 1 12 6 12 8 Rhode Island 1 1 2 8 10 10 1 2 10 10 10 10 2 5 No home 20 23		70		Missouri	-	**
New York 29 8 Nebraska 4				Michigan	-	-
20 35 Nebraska 4 1 2 3 3 3 4 Ohio 9 3 3 3 4 Oregon 1 1 2 6 3 3 4 3 4 3 5 5 5 5 5 5 5 5 5			100	New York		
Solution			35	Nehraska	140	0
1				Ohio		
1		-		Oregon		3
Rhode Island 1 Rhode Island 1 Tennessee 1 116 107 == = = No home 20 23				Pannerlyania	100	17
Sets			8	Phode Island		0
2 5 No home	The second second second	1000		Tannagage		5.0
116 107 = 107 = 20 23		170		Tennessee	1	**
2 5 No home 20 23					110	100
2 5 No home 20 23			1			200
					==	==
		2	5	No home	20	23
		die :	==			100

	Relig	ious i	nstruction.		
	1893.	1894.		1893.	1894
Protestant	128	171	No religion	62	86
Catholics	109	138			
Jew	1	•••		300	395
		Ag	ies.		
	1893.	1894.		1893.	1901
Under 20 years	32	52	From 60 to 70 years	3	1001
From 20 to 30 years	139	176	From 70 to 80 years	1	
From 30 to 40 years	93	106			
From 40 to 50 years	20	47		300	395
From 50 to 60 years	12	10		==	=
		Had	bits.		
A CONTRACTOR OF THE STATE OF TH	1893.	1894.		1893.	1894.
Intemperate	87	94	Temperate	44	47
Moderate	169	254	The second secon		
				300	
		S	ex.		
	*****		ou.		****
** ·	1893.	1894.			1894.
Male	286	384	Female	14	- 11
				300	
	Con	jugal	relations.	_	
	1893.	1894.		1893.	1894
Married	78	101			
Single	206	273			
Widows	2			-	
1				300	
		Co	olor.		
	1002	1004	1	1903	. 1894
TVIL:4.	1893.	1894.	Mulatto		3
White	291		Indian		6
DIRCK	•••		Indian	_	
				30	0 39
	How	often	sentenced.	=	=
				1893	. 189
First time	1893. 262				
Second time	28				1
Third time			Reform school		3
			· · · · · · · · · · · · · · · · · · ·	-	
				30	
				==	= =

Statistical Tables.

Education.

A STATE OF THE STA	1893.	1894.	ľ	1893.	1894.
write English	252	362	Read and write Bohem-		
write German			ian	2	2
	10	22	Read and write Polish.		4
write Danish.	1		Read only	8	
write Swede		1	Neither read nor write.	22	
write Italian.	1			-	-
write Norwe-				300	395
	1	4		===	==

Terms of sentence.

	1893	1894.	1	1893.	1894.
	3777		T		
fe	4		Two years	56	52
ars	2	• • • •	One year and nine		
ve years	2		months	1	
ears		1	One year and eight		
years	1		months		2
n years	2		One year and six		
years		1	months	24	26
ears	1	2	One year and four		
years		2	months		2
8	8		One year and three		
rs			months	1	1
ars	3	$\bar{4}$	One year and two		
	3 3 3	3	months		3
8	20		One year and one		
ars and six			month.	2	6
3	2		One year and one day	-	1
rs	21		One year	101	173
ars and nine	-	10	Eleven months	101	110
		1	Nine months	3	6
		1		9	1
ears and six	-		Seven months		
	7		Six months	2	13
ars	21	26	General terms	2	
ars and six	_		Safe keeping	1	
B	7	11		-	
			İ	300	395
			1	=7.0	===

Crime.

	4000	100.4		1893.	1994
	1893.	1894.	1		8
Assault with intent to			Murder, first degree	5	6
kill	4	10	Murder, second degree	3	0
Assault with intent to			Murder, third degree.	1	**
do bodily harm	6.	9	Manslaughter, first de-	- 2	4
Assault with intent to			degree	1	1
rape	10	17	Manslaughter, second	_	0
Assault with intent to			degree	3	2
rob	5	4	Manslaughter, third de-		
Abandoning family	3	3	degree	2	1
Arson	8	. 4	Manslaughter, fourth		
Adultery	14	16	degree	4	1
Aiding prisoners to es-			Obstructing railroad		
cape		1	track		4
Abduction	i		Obtaining money on		
Burglary	88	143	false pretenses	5	9
Bigamy	8	3	Passing counterfeit		
Counterfeiting	-	ĭ	money	1	2
Embezzlement	5	5	Polygamy	1	1
Forgery	17	19	Perjury	1	1
Fornication		2	Robbery	8	10
Felonious assault	i	~	Rana	6	1
	11	iò	Rape		2
Horse stealing	4	4	Receiving stolen goods	1	1
	4	*	Sodomy	1	3
Keeping house of ill	3	3	Selling liquor to Indians	1	
fame	ð	ð	Vagrancy		
Having burglars' tools			Violating condition of		1
in their possession	_ 2		parole		
Larceny of all grades	76	87	PD-4-1	900	395
			Total	300	000
•				==	-

Statistical Tables

Profession or trade.

	1893.	1894.		1893.	1894.
	1	5	Hotelkeepers	1	2
		1	Kalzominer		1
hs	9	4	Knitter		1
	17	19	Laborers	85	115
	4	4	Lumbermen	18	29
	1	2	Lathers	1	2
	5	6	Millwright	1	
rs	5	2	Miners	1	8
	1		Masons	2	1
ers	1	2	Machinists	6	4
	1	1	Molders	7	8
		1	Marblecutter	1	
	1		Nurse	• •	1
F	1		Physician	1	1
	2		Photographer	ī	
	11	14	Painters	10	25
rs	1	4	Printers	2	2
	14		Plumbers	4	ĩ
er	1		Porter	1	
aker	î		Plasterers	1	2
T	1		Puddlers	ī	
		i	Rivermen	â	• • • • • • • • • • • • • • • • • • • •
er	1	3	Shinglemakers	•	.;
		1	Shoemakers	5	9
ian	i		Salesmen	2	2
	1	i	Sailors	· 5	
***********	1	_	Storekeeper	ĭ	-
	14	0.0	Stonecutters	4	2
	6		Stenographer	ī	~
				2	
		1	Saloonkeepers	î	1
**********	1 2		Upholsterer	1	1
	-		Telegraph operator	. 1	i
tter	- ;;	1	Tinner	5	5
ers	14	10	Teamsters	9	1
	5	3	Tanner	• ;	8
kers	1	3	Tailors	1	
fice	1	2	Waiters	4	2
	1		Wagonmakers		29
				300	395
					==

,		Nati	vity.		
Native— Alabama. Arkansas. California Connecticut Delaware Georgia Illinois. Indiana. Iowa. Kansas Kentucky Louisiana Michigan Missouri. Maine Minnesota Massachusetts Maryland Nebraska New York New Jersey New Hampshire Oregon Ohio. Pennsylyania. Tennessee Texas Virginia Vermont Wisconsin	1893. 16 7 3 16 7 3 11 8 8 8 2 4 4 8 1 1 1 1 1 1 1 1 1 1 1 1 1	1894. 3 5 1 1 26 9 8 1 2 1 1 1 5 9 1 1	Foreign— Atlantic Ocean Austria. Belgium Bohemia Canada Denmark England Finland France Germany Italy Ireland Norway. Poland Scotland Sweden. Switzerland Wales	1893. 1 1 1 1 1 6 1 1 32 1 14 8 2 2 1 5 1 1 1 5 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1	18

Statistical Tables

Nativity of Parents.

		1894.
orn in the United States	99	143
orn in foreign countries	164	216
rn in United States, mother in foreign country	8	9
orn in United States, father in foreign country	10	17
yn	19	10
	300	395

TABLE No. 5.

${\it Prisoners~discharged}.$

n of time		1894.	Transferred to hospital	1893.	1894.
on of time	22	31		$\frac{2}{2}$	1 6
courts	6	7 8		262	269
			•	==	===

of pardons granted for the year ending—	To average popula- tion.	To number dis- charged.
er 30, 1894 er 30, 1893 er 30, 1892 er 30, 1890 er 30, 1889 er 30, 1888 er 30, 1887 er 30, 1886 er 30, 1885	2.79 3.66 3.94 4.02 4.10 2.94 2.90 3.73	5.95 5.72 5.00 7.75 8.53 8.56 6.46 6.31 7.65 6.70

TABLE No. 6.

Prison population at the close of the year ending September 30, 1894.

Counties where from.

Ashland...... 28 Monroe...... 14

Barron	22	Marquette	1
Buffalo	3	Oneida	6
Bayfield	7	Outagamie	15
Brown	27	Oconto	8
Calumet	3	Ozaukee	3
Chippewa	10	Pierce	10
Clark	6	Portage	18
Crawford	5	Polk	4
Columbia	10	Price	7
Douglas	26	Richland	6
Dane	26	Racine	21
Dodge	8	Rock	26
Door	2	St. Croix	8
Dunn	8	Shawano.	2
Eau Claire	20	Sauk	6
Fond du Lac	11	Sheboygan	11
Grant	16	Sawyer	4
Green	3	Sawyer	î
Green Lake	3	Trempenleau	4
Iowa	4	Vormon	6
Jackson	8	Vernon	4
	4	Vilas	7
Jefferson	5	Walworth	26
Juneau	8	Waukesha	18
Kenosha	1	Waupaca	6
Kewaunee	6	Waushara	9
Langlade		Washington	2
La Crosse	28	Washburn	15
La Fayette	3	Winnebago	18
Lincoln	4	Wood	17
Milwaukee	32	U. S. courts	-11
Manitowoc	6		662
Marinette	16		0.00
Marathon	12		===
	Col	lor.	
White	210	Indiana	4
White	640		2
Black	4	Half Indian	-
Mulatto	9		662
			1000
			==
How	often	sentenced.	
First time	572	Seventh time	1
Second time	57	Reform school	ģ
Third time	19	Reform School	-
Third time			662
Fourth time	3		002
Fifth time	1		-

Statistical Tables.

Ages.

to 30 yearsto 40 years	62 272 209 58	From 60 to 70 years	32 21 8
to 50 years	90		662

Education.

write English write German only. write Swedish only. write Danish only. write Norwegian write Bohemian write French only.	528 34 3 2 4 2	Read and write Polish only. Read and write Arabian only. Read and write Italian only. Read English only Read German only Neither read nor write	3 1 27 27 54 662
---	-------------------------------	---	---------------------------------

Received in the several years as follows:

5
7
6
4
9
7
11
25
33
88
63
82
_
62
-

•	Cri	ime.	
Assault with intent to kill Assault with intent to do bodily harm Assault with intent to rape Assault with intent to rob	16	Larceny of all grades Murder, first degree Murder, second degree Murder, third degree Manslaughter, first degree	153 84 25 2
Assault and robbery	2	Manslaughter, second degree.	4
Arson	8	Obstructing railroad track Obtaining money or goods on	3
Abandoning family	$\bar{2}$	false pretenses	11
AdulteryAbduction	20 1	Passing counterfeit money Producing death by procur-	3
Burglary	139	ing an abortion	1
BigamyCounterfeiting	4 1	Polygamy	2
Embezzlement	$\begin{array}{c} 5 \\ 32 \end{array}$	Rape	22 18
Fornication	2	Robbery Receiving stolen goods	18
Horse stealing	19	Sodomy	3
possession	2	Violating conditions of parole	
Incest	13 4		662

Terms of sentence.

During life	81 4	Three years.	13 56
Twenty-five years	4		20
Twenty four years	1	Two years	76
Twenty-two years	1	One year and 9 months	1
Twenty years	12		2
Lighteen years	4	One year and 6 months	29
Seventeen years	8	One year and 4 months	2
Sixteen years	2	One year and 3 month	3
Fifteen years	6	One year and 2 months	2
Fourteen years	3	One year and 1 month	5
Twelve years	3	One year	148
Ten years	23	Eleven months	1
Nine years	1	Nine months	3
Eight years	8	Eight months	1
Seven years	9	Seven months	1
Six years	9	Six months	8
Five years	59	General terms	8
Four years	44		-
Three years and 9 months	1		662
	-		
		l e e e e e e e e e e e e e e e e e e e	

81 ===

Statistical Tables.

TABLE. No. 7.

Life	e pr	isoners.
confined October 1, 1895	Sept	, , , , , , , , , , , , , , , , , , , ,
ed on governor's pardor d for new trial red to hospital insane	: :::	2
g September 30, 1894		
Count	ies u	rhere from.
akeesesesroc	2 1 1 2 2 2 1 2 2 2 1 2 3 1 4 3 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Monroe Ozaukee Ozonto Pierce Portage Richland Rock Sawyer Shawano St. Croix Trempeleau Vernon Waukesha Walworth Winnebago Wood Waupaca Waushara U. S. Courts
	Co.	
	3	
Conj	ugal 29	relations.
opg	32 14	Divorced

	Ag	168.	
Under 20 years	2 12 20 25	From 50 to 60 years	14 5 8 - 81
	Se	æ.	-
Male	74	Female	7
		1 0	81
	Nati	vity.	
Native. Illinois. Missouri Minnesota. Michigan. New York. Ohio. Pennsylvania. Tennessee Virginia Wisconsin.	2 1 1 2 8 8 1 22 	Foreign. Austria Bohemia Canada England Finland Germany Holland Ireland Italy Norway Poland Scotland Switzerland South Wales	1 1 8 1 1 16 2 6 1 4 1 4 1 1 1 1 1 4 1 1 1 1 1 1 1 1 1
Total number of life prison	ers re pris	eceived since organization of	f the
Murder first degree	- • • • • • • • • • • •		178 11 1 5 190
order of supreme order secretary of commutation Removed to hospital insane Died	rpus court war.	5 14 1 2 8 8 8 97	100
Remaining September 80, 189	94		81

Statistical Tables.

TABLE No. 8.

Female Prisoners.

Conjugal relations. Conjugal relations. Widows	1 cm	****	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Counties where from. 2	during the year endin	g Se	ptember 30, 1892 14	
Counties where from. 1				
1	g September 30, 1894.		•	
Terms of sentence. Two years 1	Count	ies u	chere from.	
1		1	Jefferson	
Manitowoc Marinette Milwaukee Outagamie Portage Shawano Trempealeau				
Marinette. Milwaukee Outagamie Portage Shawano. Trempealeau		_		
Milwaukee Outagamie Portage Shawano. Trempealeau		-		
Conjugal relations. Conjugal relations. Conjugal relations. Conjugal relations. Terms of sentence. Two years Conjugal relations Conjugal rel				
Ages. Shawano. Trempealeau	The state of the s	1		
Shawano. Trempealeau Ages.		1		
Ages. Ages. O 30 years 11 From 50 to 60 years From 60 to 70 years 12 From 60 to 70 years 13 Widows 13 Widows 13 Widows 14 Terms of sentence. Terms of sentence. Terms of years 1 One year and six months 15 One years 12 Years 12 Years 11 Total		1		
Ages. Ages. 11 From 50 to 60 years		2		
Ages. 11 From 50 to 60 years		2	•	
Terms of sentence. Two years Total Tot		1		
Terms of sentence. Two years Total Tot				
Terms of sentence. Two years	es .			
Conjugal relations.		Ag	ge s .	
Terms of sentence. fe. 7 Two years	to 30 yearsto 40 yearsto 50 years	7	From 50 to 60 years From 60 to 70 years	
Terms of sentence. fe. 7 Two years. One year and six months years. 2 years. 1 Total	Conju	igal	relations.	
fe. 7 Two years		13 3	Widows	
years	Term	8 0)	sentence.	
years	fe	7	Two years	
years 2 One year	ve years	1		
years 1		2		
- 1 'l'otal		1	m.4.1	
	8	1	Total	

Crime.

Abandoning childAdulteryArson	Larceny	
No	utivity.	
Native. New York Vermont Tennessee Wisconsin		1 - 2
TABL	E No. 9.	
General to	erm sentences.	
Number confined October 1, 1892. Received during the year ending & Received during the year ending &	September 30, 1893	0
Discharged		14
Remaining September 30th, 1894		7
Counties	where from.	
Columbia	Juneau	31 - 7 -
c	rime.	
Assault with intent to kill Burglary	Violating conditions of parole	11 11 11
T	erms.	
From 1 to 5 years	2 From 3 to 8 years	1 1 1 1 1 1 1

Statistical Tables

TABLE No. 10.

copulation, number of female prisoners and life memthe close of each fiscal year since the organization of the Number pardoned, died, committed suicide and esduring the same year.

ed Date.	Prison popu- lation.	Fe- males.	Life prison- ers.	Par- doned.	Died.	Suicide.	Es- caped.
,	15						
1852	28	9					
1853.	61	2 5			1		
1854	71	5		13			
1855	72	4	8	14	1		
1856,	108		12	18	1	1	
1857 1858	160	• • • • • • •		٠٠٠٠ نيم			
1859	202 182		•• •••	16	1		••••
. 1860	170	12	• • • • • • • • • • • • • • • • • • • •	29 25	2		
1861	137	12		26 26	1		
1862	116	1~4	16	5		••••	• • • • • • • •
1863	131	8	20	14			
. 1864	120	14	22	9	1	1	3
, 1865	97	6	24	15	2		3
, 1866	169	. 10	27	18	1	1	
, 1867	200	15	30	16			
, 1868	184	8	33	11	1		
1870	180 195	3	81	18	1		
1871	191	9	35 85	5 12			
1872	187	3 2 2 7 5	36	18	2	1	
1873	180	5	36	14	î		*
. 1874	230	71	40	18	i		
. 1875	245	12	87	19	2		
, 1876	266	13	40	22	1	1	
, 1877	290	10	42	27	2	2	
. 1878	346	6	45	19	2		1
, 1879 1890	802 277	2	48	11	1		
1881	305	4	47 49	13 6	8 6	1	· · • • · · · ·
1892	843	7	44	18	8	· · · · • · • ·	•••••
1883	366	9	48	16	8		
1884	410	ŭ	50	14	5		
1885	441	12	49	14	7		• • • • • • •
, 1886	450	18	51	17	2		
1887	428	13	52	13	1		
, 1888	488	14	60	18	2		5
, 1839	507	15	64	19	4		1
1891	532 529	17 15	68	19	10		4
1892	498	15	74 77	23 19	7		. 4
1893	536	24	77	15	4	z z	• • • • • •
1894	662	24	81	16	Ã		••••
	!	!					
· · · · · · · · · · · · · · · · · · ·				622	91	10	29



276

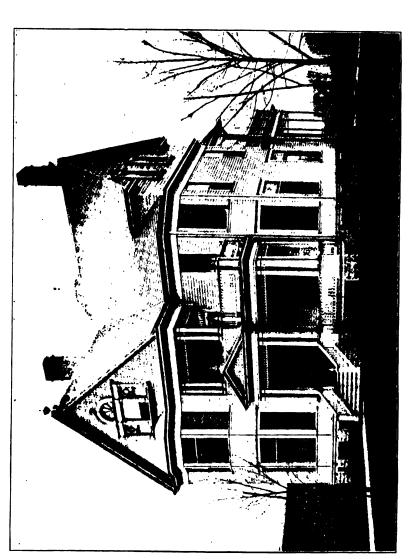
The State Prison.

Table No. 11.

Exhibit of United States prisoners, confined at the Wisconsin state prison, September 30, 1894.

Number on Register	Where convicted.	Term of sentence.	Date of sentence.	Crime.
5040	Eastern district	Life	Sept. 22, '90,	Rape.
5177	Western district.	Life	March 23, 91	Rape.
5262	Eastern district	Five years	June 30. '91	Illicit intercourse
5868	Western district.	Five years	June 30, '91 Dec. 12, '91	Stealing from P.O.box
5864	Western district.	Five years	Dec. 12, '91	Stealing from P.O.box
5410	Eastern district	Five years		Stealing from P.O.
5618	Western district	Four years and	100,0,000	Decimal
	1 031012 02201301	slx months	Dec 14 '92	Burglary of P. O.
5649	Western district.	Four years	Dec. 14, '92	Burglary of P. O.
5798	Eastern district	Two years	June 16, '93.	Passing counterfeit
0.00	AMERICA CONTROL CO	Iwo yours	Julio 10, 20	coin.
5808	Western district	Life	June 27, '93	Murder.
5809	Western district	Life	June 24, '93	Murder.
6024	Eastern district.	Thirteen months		Passing counterfeit
0041	IPEDOLE GIBULICO.	Introdes months.	atarch o, or.	coin.
6025	Eastern district	Thirteen months	March 6, '94	Passing counterfeit
00.00	Master H district .	Indiced monde.	Maich 0, 51	coin.
6149	Eastern district	Sixteen months	June 14, '94	Counterfeiting.
6154	Eastern district.	Thirteen months.	June 11, '94	Stealing from P. O.
6160	Western district			Murder.
6221	Western district.	Life	June 19, '91	Murder.
0461	Western district	One year and one		Bunglans of P O
	1	day	Aug. 22. '94	Burglary of P. O.





Warden's Residence, State Prison, Waupun- 1894.

Physician's Report.

PHYSICIAN'S REPORT.

WAUPUN, Wis., Sept. 30th, 1894.

ate Board of Control:

MAN:—I have the honor to submit to you the biennial report edical department of the prison.

the two years the health of the inmates of the institution has arkably good.

s great need for an isolation ward for consumptives. It would be better to have a building separate from the prison for this

s a fair stock of drugs and surgical dressings on hand but a rgical equipment for serious accidents ready for instant use.

for the year of 1893,	2
for the year of 1894	5
norning sick call	20
number excused daily	3
number convalescents not working	
number dispensary patients	7
number in hospital	4
has been added to the department since the last report	\mathbf{The}

System of Criminal Identification.

w keep a book record of all medicines used specifying what and for whom prescribed aside from the recording of prens. There has also teen a dispensary record instituted. There a great improvement in the efficiency of this department both al and surgical work.

I remain your humble servant,

G. F. MESSER.

Prison Physician.

CHAPLAIN'S REPORT.

WAUPUN, Wis., Nov. 28th, 1894.

To the State Board of Control:

GENTLEMEN:—Being enriched by an added knowledge of two more years as chaplain of this prison, I am thus able to speak from a larger and more varied experience. Personal contact with the inmates, confidential interviews, have opened up and made accessible the inner workings of the mind and while they constitute excellent lessons in psychology and oracular demonstrations of the needs of having the fundamentals of moral philosophy taught the men, they have been converted into particular use by showing unto them "a new and more excellent way" for the maintenance of home and loved ones. With few exceptions I have found the men susceptible to the truth and more than once has the foundain of tears been opened us and the frame convulsed with sobe as by the law of association agreeable reminiscences of the sunny hours of childhood, and cloudless days of budding manhood were brought before their minds in panoramic vision.

When I see such splendid signs of tenderness and love of home, I know that all is not lost, for there is an excellent foundation upon which may be reared a superstructure of fidelity, honesty and business integrity that we command respect and admiration. There are those, however, to whom the most pathetic appeals would be as powerless as were Christ's tears of sympathy and love over the impending fate of the city of Jerusalem to was its inhabitants and have them desist from immoral practices, hence in migudgment there is great need of separating the younger portion of criminals from those matured in criminality. Petrified criminality is not without positive proof in men whose purpose in life is to be a criminal, a pasion seemingly almost ungovernable for criminal practices and evident no desire for reformation.

If the leaven of criminality will leaven the whole lump great can should be taken to isolate those who have taken one wrong step, at cannot be constituted as criminals. The cry of this commonwealt should be separate, separate, separate. Perhaps what I am about to so may belong to the realm of the conjectural, but I will intimate that

Chaplain's Report.

stem were abolished there would be more jail sentences and arcerations in the state prison. Were all things told publicly place in our jails to increase the perquisites of the official staff make an astounding revelation to the taxpayer. It ought to ited.

hool is in a better condition than ever; more faithful study; tipment and larger fruitage of scholarship. Through the generation of the board we have facilities for instructing the

The old books were sold and a uniform series of text books

sed in the public schools are now in use in the prison. I eat the fact that our library is a foe to modern enlightenment a menace to intellectual advancement. I would strongly nd that an admission fee of twenty five cents be charged those to be escorted by a guide through the factories, and the same ed in creating a fund for restocking the liabrary with good lpful magazines and the leading newspapers of the day. This ly not unreasonable, and I hope it may become a fact in the re. Try it one year. Religious services are held each Sabbath y judgment, are productive of great good, and conducive to the ty of the inmates. I desire to place myself athwart a popular the preaching of the Gospel of Christ to criminals, viz., that ss, that it does not reform, and might safely be abandoned. percritical individuals who deride all reformatory movements, er made a single effort to reform criminals, or if they have, they a sporadic attempts, and because they did not like mushrooms in a night they abandoned it as useless. I have kept tab on g men who have gone out with high resolves and something of of character, and at this time I know of three who have gone gelistic work and one is taking a collegiate course preparatory nistry. A man needs to get down by their side and talk to prothers and not hold them aloof as if the touch of their hand ntaminate us with the leprosy of criminalty. As we follow ple of Jesus in manifesting our love for them and desire for vation we not infrequently hear the cry, Jesus thou Son of ave mercy upon me." It is blessed to preach Jesus and the ion as the only hope of their salvation. The Y P. S. C. E. has bry helpful agency in the formation and development of chrisacters, and I mu t not close without expressing my very great

tion of co-operation of W. C. T. U. and Y. P. S. C. E. societies atside for their contribution of literature, and thus the discon of wholesome knowledge. Many a man has called them? for the magazines he has been privileged to read. The mother

heart and maternal instincts have asserted themselves helpfully through another two years in nicely written letters expressive of their tender regard for some mother's boy, by the women of this and other states. It is a noble missionary work. The reward is consciousness of doing good. I desire also to reaffirm my convictions of the need of charity pardons where legislations shall make provision for the worthy poor who are deserving of a pardon but lack money and influence of friends to carry it through.

T. J. BROWN. Chaplain.

Current Expense Fund.

TATEMENT OF CURRENT EXPENSE FUND-1893.

Balance		\$5,027 81
Appropriation, chap. 152, laws 1893. Steward for convict labor during		30,000 00
the year		60,384 38
Steward for sundries Transferred for expenses of Board		5,114 67
of Control		
penses this year Bal.appropriation in state	·	
treasury		
of institution 4,274 39 Bal. in hands of steward. 384 95	21.572 32	
		\$100.526 86
	4.00,020 00	, , , , , , , , , , , , , , , , , , ,

TATEMENT OF CURRENT EXPENSE FUND-1894.

	\$ 21,572 32
	20,000 00
	53,557 29 3,723 77
	62 80
\$2.921.78	
56 73 1,912 00	
7,997 69	
\$98,916 18	\$98,916 18
	\$ 7,997 69
	\$2,921 78 86,027 98 56 73 1,912 00 7,997 69 \$98,916 18

STATEMENT

At the Wisconsin State Prison for

CLASSIFIED ITEMS.	Inventory September 30, 1892.	Purchased during the year.	Trans- ferred to this ac- count.	Total.
Accounts receivable Armory Barn, farm and garden.	121 75	59 50		\$1,358 181 8,388
Clothing	•• ••••	5,538 24 8,469 61 191 88 463 98		6,694 3,469 191 468
Discount Drug and medical dep't. Exchange Engines and boilers	12,282 86	26 13		798 26 12,641
Freight and express not classified	704 02	7,834 79		17 704 10,470 2,011
House furnishing Indebtedness prev. year. Laundry Machinery and tools	1,226 57 965 59	1,445 93 150 38 566 56 24 71		12,171 150 1,798 990
Means of instruction Miscellaneous Officers' expenses Printing, postage, stationery and telegraph.	2,304 65 326 90 147 22	305 36 83 59		2,415 715 85 498
Real estate including buildings, etc	387,242 05 615 10	1,060 30		387,249 1,689
Subsistence	719 45 26 85	27,614 32 592 08	2,742 14 849 14	31,075 618 849
Wages and salaries Steam heating		14 46 \$76,091 91	\$3,814 41	\$510,918
Discounts		\$76,032 76		440,620
Net expenses		<u></u>		\$70,398

Add amount assigned to this institution, and set apart by the Secretary

Current Expenses

INT EXPENSES.

ear ending September 30, 1893.

ory ber 93.	Cash re- ceived on this ac- count,	Transferred from this account,	Total.	Gained.	Expended
5 05	2,452 00	\$2,742 14	174 60 13,021 14 1,662 98	4,638 00	3,469 61 191 88 463 98 437 62
04 02 87 50 95 81 89 92	122 54 116 85 1 50		704 02 2,090 04 1,122 66 10,841 42	· · · · · · · · · · · · · · · · · · ·	8,380 93 889 04 1,330 44
66 24			1,246 07 856 24 2,295 65 516 65		547 06 134 06 119 64
8 82			159 11		339 79
12 05 31 58 56 62 46 70	128 76	84 17 890 39	849 14		1,022 61 28,500 14 472 23 23,117 45
32 21	\$5,197 92	\$3,790 31	\$440,620 44	\$5,070 29	\$ 75,363 49
					5,070 29
.,					\$70,293 20
r sala	ries and expe	nses of the bo	oard of contro	ol	2,921 78
					\$73,214 98

STATEMENT OF

At the Wisconsin State Prison for the

CLASSIFIED ITEMS.	Inventory September 30, 1893.	Purchased during the year.	Transfer'd to this account.	Total.	
Accounts receivable	\$373 14		1	\$373	14
Armory	174 60			177	
Barn, farm and garden		1,249 66	\$60 00	9.136	
Clothing	1,662 98			6,670	
Convicts discharged	1,000 80		************	3,393	
Convicts earnings		295 88		295	
				104	
Convicts escaped				104	(1)
Discount	OFF OF			000	00
Drug and medical dep't.	355 05	523 23		878	
Exchange Engines and boilers	10 000 50	25 93		25	
Engines and bollers	12,209 56	983 95		13,193	91
Freight and express (not					15
classified)		15 45		15	
	1 000 50	***********	********	704	
Fuel	1,967 50			9,079	
Gas and other lights	1,005 81			2,171	
House furnishing	10,839 92	4,405 93		15,245	80
Indebtedness previous		200		000	
year		308 57		308	
Laundry	1,246 07	443 08		1,689	
Machinery and tools	856 24	110 85		967	
Means of instruction	2,295 65			2,464	
Miscellaneous	428 90		15 50	911	
Officers' expenses		104 79		104	75
Printing, postage, sta-	268.68	D10 00		17.75	
tionery and telegraph.	158 82	346 67		505	49
Real estate, including	***			A STATE	
buildings, etc	387,242 05		6,600 00	393,842	
Repairs and renewals	581 58	2,929 48		3,511	06
Scraps Subsister.ce			68 16	68	10
Subsisterce	1,556 62	31,061 69	1,836 85	34,455	
Tobacco	146 70	817 06		963	
United States			1,214 00	1,214	
Wages and salaries		25,040 19		25,040	
Steam heating		749 19		749	
Stone quarry		29 65		29	60
Total			\$10,506 18	\$528,288	4
Discounts		122 03			
		\$86,027 98		452,214	94
Net expenses				\$76,073	46

Add amount assigned to this institution and set apartlby the Secretary of

Current Expenses,

T EXPENSES

ar ending September 30, 1894.

y	Cash re- ceived on this account.	Transferred from this account	Total.	Gained.	Expended.
000 600 200 611	1,669 50 20 04 5 28 5 28 5 28 5 28 1 50 171 80 171 80 68 16 88 90 1,214 00	112 08 11 00 11 00	174 60 13,892 55 1,149 65 1,149 65 122 08 459 77 12,329 27 704 02 1,902 00 1,146 95 1,206 80 863 69 2,482 90 869 84 156 02 398,842 05 1,444 81 68 16 2,803 42 201 60 1,314 00	4,255 89	5,520 61 8,393 28 295 88 104 60 418 51 25 93 864 24 15 45 7,177 07 1,025 17 776 27 808 57 482 35 103 40 81 26 41 47 104 79 849 47 2,066 25 92,148 74 762 16
	фо, 100 3	\$5,000 04	\$402,214 94	\$4,954 92	4,984 92
		ļ	 		\$76,078 46
ala	aries and exp	enses of the	Board of Con	trol	2,921 78
					\$78,995 24

STATEMENT OF SPECIAL APPROPRIATION FUNDS.

Classified items.	Appro- priations, 1893.		Transfers cash and dis- counts.		Expend'd during biennial period.	Transfers.	Balance available Sept. 30, 1894.
Warden's residence Additional cell room and repairs to					\$3,943 13		\$1,056 8
main building	10,000 00				9,189 92		810 O
Kitchen and hos- pital	5,000 00			\$56 78	4,993 93	\$62 80	
Tailor and knitting shops Tailor shop Knitting shop			874 07		11,07€ 97		874 07 842 84
Totals	\$20,000 00	\$10,000 00	\$7,081 71	\$56 78	\$29, 203 95	\$4,300 63	\$3,583 8

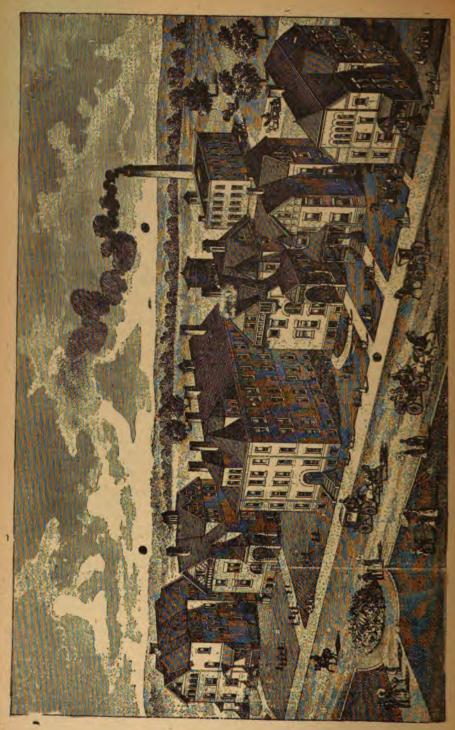
STATEMENT OF MONEYS RECEIVED AT THE INSTITUTION.

	1893.	ing Sept 30, 1894.
accounts receivablearn, farm and gardenonvict labor.	. 2,452 00	1,669 50 51,020 87
lothing ngines and boilers	122 54	
as and other lights	1 50 87 75	1 50
epairs and renewalsubsistencecraps	. 1 50 128 76	68 1
Inited States	. 849 14 11 40	2,651 5
Initting shop		782 2 9 3 \$58,153 1

Farm and Garden Products.

PRODUCTS FROM FARM AND GARDEN.

	127 603 7,577 h	bus. bus. bus. bus.	1,087 150	50 25 75 00 50	Quantit 9 228 4,200	bus. bus. bus.	Value. \$9 00 57 00 1,260 00 150 00 18 00
iny	330 3,831 127 603 7,577 h	bus. bus. bus. bus.	91 1,087 150 63	25 75 00 50	228 4,200	bus. bus.	57 00 1,260 00 150 00
ets	30 20 20	tons tons bask. tons bus. bus.	70 165 240	85 00 00 00 00 00	30 6 76 950	tons tons bask. bus. bus.	100 00 300 00 6 00 45 60 285 00
8.S	4,029 13	bus. bus. bus. bus. bus.	2,293 8 250 20 120	00 00	4,000 4000	bus. bus. bus. bus. bus.	1,755 00 6 00 1,000 00 48 20



FOURTH BIENNIAL REPORT

OF THE

STATE PUBLIC SCHOOL

FOR THE

Two Fiscal Years Ending September 30, 1894.

OFFICERS.

FRANK L. SANBORN,	•	•	-	•	-	SUPE	RINTE	NDEN	AND STEWAR
A. F. GRUENHAGEN, -	•	· · •	•			-			STATE AGEN
D. W. GARDNER, .	-	-	-	-	-	-			- CLEE
M. C. CLARKE,	-	-	-	· -	-				TREASURE
		1	ITAN	RON	S.				

MRS. F. L. SANBORN (General), MISS LUCY SULLIVAN, MRS. W. S. JONES, MISS NELLIE ROBINSON,
MRS. AGNES H. HEATH,
MISS ELIZABETH STOGDIL

MISS MATILDA JOHNSON.

TEACHERS.

MISS MAUDE E. UTTER, MISS ANNE G. MONAHAN, MISS NELLIE HANKIN, MISS NELLIE JONES, MISS EDNA JONES, MISS FLORENCE PARRY.

SUPERINTENDENT'S REPORT.

ate Board of Control:

nen:—I herewith present you the fourth biennial the Wisconsin state public school, for dependent and children. Number in school at present 266. Numved since September 30, 1892, 377. Total number

HOME LIFE.

since the school opened October 1, 1886, 1228.

ottage is in charge of a matron under whose care are ren, when not in school. She takes the place of a s far as possible, looking after their wants, and in rendeavoring to make their life here as pleasant and as may be.

Evening the younger ones retire early, the older ones

wed to amuse themselves in reading, playing games at kinds, conducting themselves much as they would be, and in many cases experiencing more real enjoying they have known for years. They are provided bundance of plain well cooked food, and are taught and orderly in their habits. The older ones work m, and about the cottages during certain hours, and neatness and industry are encouraged.

HEALTH.

the past two years we have had but very little sicke had no contagious diseases more serious than d chicken pox. During the winter of 1894, two boys gool died, one with spinal meningitis, the other with meningitis. Two children have died in homes, one

was accidently scalded, the other one died from chronic hear trouble. The general health has been good. Our location is conducive to health, the soil being light and sandy and the drainage good, all sanitary measures which are conducive to health being enforced. These conditions in connection with the artesian water used here, tend to make the children healthy and hearty.

EDUCATIONAL WORK.

Our teachers are efficient, faithful and conscientious in the work. Many of the children who come to us have never been blessed with educational advantages up to that time, consequently are obliged to begin at the very foundation. Some them are very dull and require a great deal of patience are tact on the part of the teacher to arouse in them an interest in their work, while others are very bright and interesting and quite well advanced in their studies. The work is discouraging for the teachers from the fact that the bright at attractive ones in whom they are most interested are the first to go out into homes, and perhaps in their places will conthose who are dull and uninteresting, with whom they must spend weeks before they will exhibit any interest in the work, or show signs of advancement in their studies.

PLACING IN HOMES.

This is a very important part of the work, and one in whi good judgment and great care must be exercised, or the result will be unsatisfactory. A. F. Greunhagen, the state age has been very successful in this work, and has proven to the right man in the right place. We now have so many old dren in homes that we will soon require another agent, one will not be able to do the work that will be require Eighty per cent. of the children that have been placed in home during the past two years still remain out. In some cases

Superintendent's Report.

ged to transfer children several times before we find a nto which they fit satisfactorily.

of the children received are not in condition to be in homes until they have spent several months in the and become fitted by proper training and associations received into families. Whenever an application is d for a child, the home of the applicant is visited, and I satisfactory, a child is selected and placed in the home nture, after which the agent visits the child from time, and removes it at any time should he find that it was and properly treated and cared for. We experience rouble with parties who induce the larger boys who homes on indenture, to leave the parties to whom they entured, when they become large enough to be of serveneme, and go and live with them, by promising to pay rages for their services.

works an injustice to the parties who have provided boys during the years that they were not large enough any service with the expectation that the boys would with them when they were old enough to be of use. there should be a statute enacted by our next legislaat would reach such parties, as this practice tends to be people he sitate about taking children on indenture his school.

COUNTY OFFICIALS.

reg the officials of some of the counties of the state eems to be a lack of accurate information relative to the f this institution. I find that in many cases parents llowed their children to be committed to this school he understanding that they would be educated and d to them at any time they might wish for their returnints were instructed by the court as to the conditions which children are committed to this school, at the time ere committed, it would be much more satisfactory to ties concerned.

OUR NEEDS.

Allow me to again call your attention to the fact that we are greatly in need of a steam plant large enough to heat all our buildings. There is a risk of fire from the furnaces in the cottages during the winter while they are being heavily fired, whereas if they were heated from a central plant, this risk of fire would be overcome, besides a saving of at least one-third in the cost of fuel, as heated at present, which alone would pay the interest on the money invested in a new plant. We also need an electric light plant for lighting our buildings, which in connection with a steam heating plant would reduce our risk from fire to a minimum, which is imperative in an institution like this, where a fire might cost a fearful loss of life. Our hospital is too small and not adapted to the purpose at all; this building should be removed to the east about forty rods and fitted up for contagious diseases only, and a much larger and conveniently arranged hospital be erected in its place.

ACKNOWLEDGMENTS.

We wish to thank the clergymen of Sparta who have so kindly assisted in our Sunday school work during the past two years. Also the employes of the institution who have loyally aided us in our efforts, and faithfully and conscientiously performed the duties assigned to them. And to you, gentlemen of the Board, we are under renewed obligations for your cordial support and kindly assistance under all circumstances.

Respectfully,

FRANK L. SANBORN,

Superintendent

Sparta, September 30, 1894.

Statistical Tables.

STATISTICS.

TABLE No. 1.

of children received and number dropped from the rolls g the period from Nov. 27, 1886, when the first children received, until Sept. 30, 1894; together with present dison of all now wards of the state.

		18	93.			189	4.	
	Boys.	Girls.	Total.	Total.	Boys.	Girls.	Total.	Total.
mber received since begin-	240	0.00						1000
there has been:	643	363	• • • •	1006	784	444		1228
ed	6	17			10	29	3 9	
d		3 5	3 12		···io	5 5	5 15	• • • •
ned to counties	25 3	33	58	::::	38	43		
ned to homestal for insane	3	• • • •	3	l····/	3	••••	3	
ferred to industrial schools	$2\bar{3}$	3	26	::::	29	3		
ed and not recaptured	23	1	24	$ \cdots $	28	3	31	
otal	88	62		150	118	88		206
as wards of the school and	==	==	==		_==		=	
er charge of the board Sept.		١.,				,		
***************************************	555	301		856	666	356	• • • • •	1022
e there are: nilies on indenture.	236	131	367	_!	389	228	617	
nilies on trial	150	119	269		69	57	126	• • • •
acation and expired in- tures	3	3	6		4	6	10	
hool for blind	1		1		1		1	
y house and hospital ing in the institution Sept.		• • • •		i····		2	2	
	165	48	213	¦	203	63	266	
al wards of the schools	555	301	_	856	666	356		1022
The second secon	550	"		1	550			

TABLE No. 2.

Movement of population.

	1893.	189
No. remaining in the school Oct. 1st, 1892 and 1893 No. returned from homes No. admitted during the year	210 103 155	1
Total	468	5
No. placed in homes on trial during the year. No. placed in homes on indenture. No. returned to counties from the institution. No. died in the institution. No. trans. to industrial school from the institution. No. hospital for treatment. No. remaining in the institution Sept. 30, 1893 and 1894.	27 6	2
Total	468	_
Average in the school for the year	207	2

TABLE No. 3.

Ages of children admitted.

		1893.			1894.	
	Boys.	Girls.	Total.	Boys.	Girls.	Total
Between 3 and 4 years		6	16	16	8	2
Between 4 and 5 years	8 11	2 4	10 15	19	5	2
Between 6 and 7 years	15			12		2
Between 7 and 8 years	13	3	16	8	11	19
Between 8 and 9 years	14			18	5	2
Between 9 and 10 years	11		14	21	5	2
Between 10 and 11 years	8	2	10	17	8 9	2
Between 11 and 12 years	9	3		9		13
Between 12 and 13 years	10	2	12	12	5	1
Between 13 and 14 years	6	2	8	5	9	1
Totals	115	40	155	141	81	22

Statistical Tables.

TABLE No. 4.

Parentage of children admitted.

	1893.	1894.	Total
	3	18	
father living	47	73	
mother living	41		
both parents living	64	102	166
J	155	222	377
whose parents are separated	7	21	28
abandoned by father	81	112	193
abandoned by mother	38	50	88
whose father was convicted of crime	10	24	34
whose mother was convicted of crime	4	16	20
whose father was intemperate	58	57	115
whose mother was intemperate	8	12	20
whose father is or was insane	7		7
whose mother is or was insane	7	6	13
who came from poorhouse		14	27

TABLE No. 5.

Nativity of parents of children committed in 1893 and 1894, and from the beginning.

	Up to	1893.	1894.	
	1893.	Boys.	Girls	Tota
merican	487	61	93	
ohemian	12	8 2		
anish utch nglish	3 7 20	1	6	
rench erman	24 183	31	6 40	
ishalian egro	7	7	1 1 3	
orwegian oles	47 5	9	6	
ootch wiss wede	1	i	g	
vede Velsh nknown not given	2 7 19	29	53	
alf breeds	851	155	222	1.5

Statistical Tables

TABLE No. 6.

Number received from each county.

		1893.			1894.	
	Boys.	Girls.	Total.	Boys.	Girls.	Total
	1		1	1		1
		1	1			
	$\cdots \frac{\cdot}{2}$	ī	1		3	ز
• • • • • • • • • • • • • • • • • • • •	1 1		2	5 1		
	i		····i	1	·····i	3
	2 1 2		1 :	$\hat{2}$	-	
	2	5 3 2	7	1 1		
• • • • • • • • • • • • • • • • • • • •	1	3	4	1	1	
	2	2	4		_i	
••••••••	····· <u>à</u>	4	6 3 1	2 1 6	i	
• • • • • • • • • • • • • • • • • • • •	3	-	š	ī		
	ī		1	6	3	
	1		1 2 3 2	1 5	· · · · · <u>·</u>	
	2 3	•••••	2	2	1	
• • • • • • • • • • • • • • • • • • • •	2	• • • • • •	2	2	1 2	
					1 3 2 5	
				1	5	
	1		1			ŀ
	3	2	5	3	····· <u>à</u>	
	4 9	$egin{array}{c} 2 \\ 2 \\ 3 \end{array}$	1 5 6 12	3 2 15	6	ا ا
	. 9	3	12	10	9	1
				3		1 *
	32	5	37	28	16	2 1 4 1
	7	5 1	i 8¦	9	2	1
	$\begin{array}{c} {\bf 32} \\ {\bf 7} \\ {\bf 2} \\ {\bf 5} \end{array}$	1 1	37 8 3 6	28 9 1 5 2 2 3 4	16 2 2 2 2 2 1 1	
	ō	1	6	5	2	•
		• • • • • •		9	1	i
				3	i	
	8	4	12	4	ī	
	3		3	3	$\bar{2}$	
	5		3 5 1			
	1	• • • • • •	1	$\begin{vmatrix} 2\\1 \end{vmatrix}$	¦••••	
• • • • • • • • • • • • • • • • • • • •	i	\cdots	3	1	·····ż	
	$\frac{1}{2}$		$\begin{bmatrix} \dots & 3 \\ 2 \end{bmatrix}$	٠ ً	1	
			⁻	$\begin{vmatrix} & 6 \\ 3 \end{vmatrix}$	4	1
	6	·····i	7	3	·····i	
	_i		·····i		1	1
	$\frac{1}{2}$	$ \cdots \cdot \frac{\cdot}{2}$	1 4		····i	
	2	2	*	9	1	
		•••••	۱۰۰۰۰۰	4	3	
				! 5	$egin{pmatrix} 2 \ 2 \ 2 \end{bmatrix}$	•
				2 2 4 5 1	$ar{2}$	

Table No. 7.

Average number of children in school by months and years.

		1893.	7		1894.	
	Boys.	Girls.	Total.	Boys.	Girls.	Tota
October	150	60	210	170	50	
November	153	49	202	177	52	
December	154	48	202	179		25
January	159	1	210	181	49	
February	165	50	215	188	53	
March	160	47	207	182	51	2
April	160	45	205	167	52	
May	151	45	196	163	50	
June	158	47	205	167	55	
July	164	45	209	181	60	
August	164	48	212	194	64	
September	162	47	209	201	65	1 2
Average for the year	158	49	207	179	54	2

Statistical Tables.

			18	1893.					18	1891				1893.				18	1894.		
1	Re	Received	d.	Ind	Indentured	ed.	Re	Received	d.	Ind	Indentured	red.	Ple	Placed on trial.	uc	Pla	Placed on trial.	no	Ph	Placed on indenture.	on re.
	Boys.	Girls.	Total.	Boys.	Girls.	.IntoT	Boys.	Girla.	LetoT	Boys.	Girls.	. IstoT	Boys.	Girls.	. IstoT	Boys.	Girls.	.fstoT	Boys.	Girls.	LetoT
October	14	2-0		8 =		es à	40	_ & ∡	8 5					22 0		==	t- t	18		•	:
December	, co	• •	2:	-	- 69 6	ရှိစာဇ	900 (,— ;	200	3 70 0	·	# © ī	=	a	28	- m	- ဆ	9	တင္	. E- 1	:
Pebruary	× = = =	ာ က	12	4.70	9 0	110	23	<u>م</u> ج				•		20 20				: :	30	==	
March	11	es.	35.0	= "	120	83	G	တေ						<u>ක අ</u>					23	==	6 8
May.	9 89	. 4	17.	35.	₹ <u>₹~</u>	32	<u> </u>	6						၀ ၈					13	==	3 %
nne	بعد	_	o	19	15	쫎	œ	O			:	တ		10		:	:	:	2	6	18
July	<u></u>	4 00	φ α	25	40	Ξ α	5.5	æ rc		:	:	 :	ro a		35	:	:	:	40	40	∞ <u>≃</u>
September	ھ	က်	<u> </u>	ရှိတ	3 33	9	8 = -	12		<u>:</u>	::	•	300	F 00		<u>: </u>	: :	: :	18	2	88
Total	115	 -	155	115	8	177	141	8	222	28	် ဆ	88	122	16	818	2	=	88	126	8	221

Induber received, indentured and placed in homes each month.

Table No. 9.

Ages of children now in the institutions.

	Boys.	Girls.	Tota
		-	_
Number between the ages of 3 and 4	10	1	1
Number between the ages of 4 and 5	10		
Number between the ages of 5 and 6	7		
Number between the ages of 6 and 7	27	2	1
Number between the ages of 7 and 8	33	3	
Number between the ages of 8 and 9	26	10	
Number between the ages of 9 and 10	10		
Number between the ages of 10 and 11	17	10	
Number between the ages of 11 and 12	13		
Number between the ages of 12 and 13	13	11 3 2 12	
Number between the ages of 13 and 14	9	2	
Number between the ages of 14 and 15	10	12	
Number between the ages of 15 and 16	11	3	
Number between the ages of 16 and 17	9	9	
Number between the ages of 17 and 18	1	~	
tumber between the ages of 17 and 15	1		
Totals September 30, 1894	199	67	2

TABLE No. 10.

Present grading of school.

No. in kindergarten
No. reading chart
No. reading in primer
No. reading in first reader
No. reading in second reader
No. reading in third reader
No. reading in fourth reader
No. in introductory geography
No. in grammar school geography
No. in physiology
No. in grammar proper
No, working in numbers
No. working in arithmetic

Current Expense Fund.

STATEMENT OF CURRENT EXPENSE FUND - 1893.

		1	1
i.	Balance		\$ 16,495 81
5. 0.	Appropriation chapter 152, laws 1893 From steward for sundries	1	109,000 00 809 85
9.	Transferred for expenses of Board of Control	\$2,068 02	
0.	penses this year	40,906 43	
0.	Bal. in hands of treasurer of institutson		
0.	Bal, in hands of steward 427 89		
- (\$126,305 66	\$126,305 66

STATEMENT OF CURRENT EXPENSE FUND — 1894.

1			
1.	Balance	•••••	\$ 83,331 21
Ю.	From steward for sundries this year		645 69
9.	Transferred for expenses of Board of Control	\$2,068 0 2	
30.	Paid on account of current ex penses this year	39 591 72	••••
0.	Bal. app'n in state treas\$43,104 89		
30.	Bal. in hands of steward 335 46		
30.	Less overdraft on treas- urer of institution 1,123 19		
		\$88,976 90	
1.	Balance		\$ 42,317 16

STATEMENT (

At the State Public School for t

CLASSIFIED ITEMS.	Inventory September 30, 1892.	Purchased during the year.	ferred to this ac- count	Total.
Amusements and means		4070 E5		A1 670
of instruction	\$1,293 49	\$376 65		\$1,670
Agents' expenses	5 469 90	2,076 73		2,076
Barn, farm and garden.	5,468 89	1,783 44	\$75 00	
Children's transportation	1 050 60	377 01		5 100
Clothing	1,358 69	3,741 50	********	5,100
Discount				
Drug and medical depart	15 18	696 78		711
ment		1.00		711
Exchange	9 010 18	7.75		2,181
Engine and boilers	2,019 18	162 24		2,181
		46 51		10
Freight and express (not		4 70		4
Classified)	1,819 97	357 05	195 00	2,302
Fire apparatus			125 00	7,176
Fuel	2,450 13	4,626 55	270 39	4,816
Furniture	4,538 33	638 04	210 00	1,559
Gas and other lights	921 35		man en	9,349
House furnishing	7,507 81	1,053 55	787 89	
Laundry	999 73	193 40	7 20	1,200
Machinery and tools	7 00	19 09		292
Machinery and tools	280 05	12 92		334
Miscellaneous	56 06	278 55		146
Officers' expenses		146 23	*** *****	140
Printing, postage, sta	114 90	907 99		991
tionery and telegraph.	114 39	207 23		321
Real estate, including	119 795 40		718 50	114 451
Beneirs and renewels	113,735 40	1 005 10	716 56	114,451
Repairs and renewals	79 11 256 64	1,695 19	0 441 17	1,771
Subsistence		8,057 04	2,441 17	10,754
Wages and salaries		13,767 05		13,767
Coal shed	7 109 17	182 81		182
Fire loss	5,193 17	896 23		6,089
Silo		480 75		480
M-4-3	4140 414 EP	ALL OPE OF	14 400 01	A104 409
Total	\$148,114 57	\$41,865 85	\$4,428 21	\$194,403
Discount, etc		63 19		
		\$41,802 66		155,859
Net expenses				\$38,550

Add amount assigned to this institution and set apart by the Secretary

\$40,618 79

Current Expenses

T EXPENSES

20

ar ending September 30, 1893.

ery ber 3.	Cash re- ceived on this account.	Transferred from this account.		Gained.	Expended.
-					
53	\$ 40 25 38 639 16	\$2,448 37	\$1,278 93 25 38 8,423 64	\$1,096 31	\$391 21 2,051 35
62	21 16	2 50	1,172 28 60 27	60 27	377 01 3,927 91
42 32					671 54 40 168 60 46 51
89 99 02			2,252 89 2,514 77 4,816 02		49 13 4,561 91
52 92 00	3 00		8,698 52 994 92		650 73 205 41
06			70 06		264 55 146 23
50		42	144		185 70
65 62	5 90 15 71	10 00 75 00 182 81 6,067 80	210 86 620 52 15 71 182 81 6,089 40		1,563 44 10,134 33 13,751 34
49	\$831 45	\$9,505 92	\$155,852 86	\$1,156 58	\$39,707 31
•••					1,156 58
					\$38,550 7
sala	aries and exp	enses of the	Board of Con	trol,	2,068 09

STATEMENT

At the State Public School for

CLASSIFIED ITEMS.	Inventory September 30, 1893.	Purchased during the year.	Transferred to this account.	Total.
Amusements and means	** ***	400= 0=		A1 001
of instruction	\$1,278 53	\$385 97		\$1,664
Agents' expenses	* nog 44			2,088
Barn, farm and garden.	5,336 11	1,795 79		7,131
Children's transporta-		100 50	77.00	400
tion				490
Clothing	1,148 62	4,025 30		5,173
Discount				
Drug and medical de	40.40			014
partment	40 42	575 58		616
Exchange	2 040 00			0.440
Engine and boilers		130 57		2,140
Elopers		79 15		79
Freight and express (not				
classified)				4
Fire apparatus	2,199 89	85		2,200
Fuel	2,504 99	4,736 80		7,241
Furniture	4,816 02	56 00		4,872
Gas and other lights	940 60			1,577
House furnishing	8,695 52			9,801
Laundry	994 92	143 59	12 80	1,151
Library	7 00	7 85		14
Machinery and tools	288 76	25 06		313
Miscellaneous	56 06	281 98		338
Officers' expenses		167 60		167
Printing, postage, sta	C	460.30		
_ tionery and telegraph.	135 50	387 07		522
Real estate, including				
buildings, etc	114,326 96		110 00	114,436
Repairs and renewals	195 65	649 99		845
Scraps		******	8 90	8
Subsistence	539 62		2,227 16	10,279
Wages and salaries		14,341 59		14,341
m	A448 848 46	400 400 55	20.000.00	4400 000
Total	£145,515 49	\$39,630 55		
Discount	********	38 83		
ŀ		400 501 50		440 000
		\$39,591 72		148,200
Not ornances				020 201
Net expenses			*******	\$39,304

Add amount assigned to this institution and set apart by the Secretary

Current Expenses,

ENT EXPENSES

year ending September 30, 1894.

tory nber 194.	Cash received on this account.	Transferred from this account.	Total.	Gained.	Expended.
80 3 9	\$0 10 544 88	\$2,349 96	\$1,480 49 7,577 06		2.088 65
61 36	9 88	38 83	1,071 24 38 83	38 83	490 53 4,102 68
22 41 48 00	······		22 41 2,048 00		593 59 33 92 89 79 15
68 70	49 40		2,194 14 2,623 62 4,842 72 1,018 10	• • • • • • • • • • • • • • • • • • • •	4 50 6 60 4,618 17 29 30 559 78 1,003 38
			299 27		1,003 38 160 74 35 14 55 281 98 167 60
34 77			· · · · · · · · · · · · · · · · · · ·		337 80
36 96 27 26 26 16	2 83 8 90 4 43 25 17		8 90		706 65 9,948 70 14,816 42
7 16	\$645 69	\$2,397 69	\$148,200 54	\$483 99	\$39,788 35
					483 99 \$39,304 86
salar	ies and expe	nses of the Bo	oard of Cont	ol	2,068 02
	,			1	\$ 41,872 38

STATEMENT OF SPECIAL APPROPRIATION FUND.

Classified Items.	Appropriation, 1893.	Expended during biennial period.	Balance September 30,1894.
Payment of liabilities on account of fire loss	\$6,503 13	\$ 6,067 80	\$485 80

STATEMENT OF MONEYS RECEIVED AT THE INSTITUTION.

Classification.	Year ending Sept. 30, 1893.	Year ending Sept. 30, 1894.
Agents' expenses Amusements and means of instructions Barn, farm and garden Clothing Engine and boilers Fuel Gas and other lights. House furnishing. Miscellaneous Repairs and renewals. Scraps	40 639 16 21 16 2 50 9 78 67 65 3 00 14 00 5 21	8 1 544 8 9 8
Subsistence	5 90 15 71	25 1
Total	\$831 45	

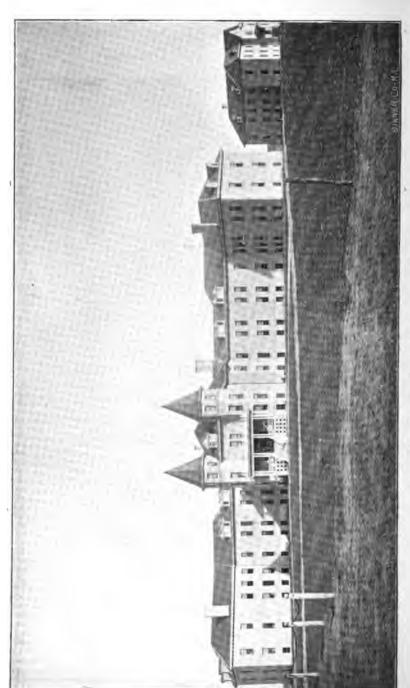
Farm and Garden Products.

FARM AND GARDEN PRODUCTS.

2.3.14		THE YEAR SEPT. 30,		*		гн е Уе <i>.</i> е рт. 30	AR ENDING , 1894.	}
CLES.	Qua	ntity.	Value.	- I	Quar	itity.	Value.	
ens	bus. dz. bus. or bus.	134 pns 6 15	1	18 75 50 13	bus. dz. bus. or p		\$ 6	82 48 75
ring	· · · · · ·				bus.	10	20	· 66
ries	qts.	421	52	63				
		2,053	100		lbs.		199	
	hds.	364		73	hds.	471	20	21
	bun.	46		80		,		•••
	bus.	491	80	76 45	bus.	28	8	80
********	dz.	630	99	72	dz.	867	97	76
ers	dz.	2831		68	uz.	901	21	10
eet, ear	bus.	30		00	bus.	53	89	00
	pns. or			50	pns or b		00	50
		130,936	1,309		lbs. 1		1,328	
	bus.	54		88	bus.	81		90
	dz.	689		71	dz.	284	14	20
	bus.	18	7	50	bus.	8		00
	lbs.	203		15	lbs.	515	30	90
as	no.	10		00				• • •
	bus.	587	365		bus.	573	306	
88	bus.	734		45	bus.	15	8	76
	dz.	1801	18	02	dz.	8 !		64
	bchs.	7	70	70 75		• • • • • • •	• • • • • • • • •	•••
ies	qts.	590		55	no.	104	5	26
	no.	108 396		52	qts.	432		20
ries	bus.	130		00	bus.	5		75
8	dz.	1241		94	dz.	i	·	10
	lbs.	165		50	lbs.	240	12	80
	lbs.	680		08				85
			\$2,447	97			\$2,289	96







Rock County Asylum for Insane-1894.

STATISTICS. County Asylums, Poor Houses, Jails, etc.

${\it Statistics.}$

County Asylums.

		Count	y As	y wind	5.					
Wausan. Mosinee. Marathon City. Manitowoc. Mishlcott. Timothy.	Milwaukee. Milwaukee. Milwaukee. Milwaukee.	New London Appleton. Seymour.	Racine. Racine. waterford.	Beloit, Janesville, Johnstown.	Baraboo. Reedsburg. Sauk City.	Sheboygan. Cedar Grove. Plymouth.	Viroqua. Hillsborough.		Whitewater. Oshkosh. Omro. Oshkosh	
Frank Fellows J. A. Lemmer Henry Vittz A. Wagner Louis Schmitz	Henry Hase Chris Paulus Anton Grueiner E. P. Vitas John F. Zummach	John Siegel Geo, Kreiss John Wecke	L. C Klein N. Lytle Wm. Schenkenberg	S. T. Merrill	E. O. Holden	Carl Zillier Henry Walvoord Henry Fisher.	H. D. Williams	C. J. Skougn Chas. Duulap John P. Davis	J. H. Cushing. L. M. Miller J. T. Orchard. J. J. Moore	
F. Luhnann, Manitowoc		J. R. Reilly	James F. Malone J. R. Simms, Racine	Janesville Peter Aller Frank Pember, Janesville	M. J. Skiff, Loganville	A. J. Whiffen Almon Clark, Sheboygan	Viroqua F. Wilkins A. Corey, Viroqua	W. H. Huriburt, Elkhorn	W. A. Gordon, Oshkosh	
G. Mueller.	Dr. Clement, Venn	G. R. Downer J. R. Reilly	James F. Malone	Peter Aller	Wm. Andrus	A. J. Whiffen	F. Wilkins	J. P. Davis	B. W. Eaton	
Manitowoc	Wauwatosa	Appleton	Racine	Janesville	Reedsburg	Sheboygan	Viroqua	Elkhorn	Winnebago	
Manitowoc	filwaukee	utagamie	Cacine	tock	auk	heboyкап	ernon	Valworth	Vinnebago	

CENSUS OF INSANE UNDER PUBLIC CARE SEPTEMBER 30, 1893

	In state hospital.	In northern hospital.	In Milwau- kee hospital.	In county asylums for In poor In jails. sane.	In poor houses.	In jails.	Total.	Population in 1890,	Ratio of insanity to population.
Adams	9			03	1		6	6.889	765
Ashland		20			***************************************		08	12,717	635
Barron	12			12			24	15.416	642
Bayfield		80		***************************************		:	80	7,390	924
Brown.		33		84		:	117	39,164	248
Buffalo	13			20		-	33	15,997	485
Burnett	2			6			14	4.393	314
Calumet		10		19		:	58	16,639	578
Chippewa	1	24		35		:	9	25,143	419
Clark	7	c3		14		:	28	17,708	769
Columbia	16			53	*******		89	28,350	417
Crawford	6			98			35	15,987	456
Jane	19			1.0	cs		173	59,578	344
Dodge	1	24		64			88	44.984	505
Door		11		10			17	15,682	747
Douglas		17		65			20	13,468	678
Dunn	10			47			57	22. 684	397
Eau Claire	15	00		38			61	30.673	508
rence.		4					4	2.604	651
Fond du Lac.		53		84			107	44.088	413
Forest	•							1,018	
Grant	27			99			93	36,651	394
Green	19						80	92,732	284
Green Lake		17		11			28	15,168	541
lowa	6			AB.			20	2 801	7.301

Insane Under Public Care.

20 20 20 20 20 20 20 20 20 20 20 20 20 2	82	kee hospi. chronic tal. sane.
25 17, 121 26 16, 581 27 28, 801 28 8, 91, 465 16 18, 90, 365 20, 365 21, 28 101 21, 28 101 22, 36, 36, 36, 36, 36, 36, 36, 36, 36, 36	28 117,121 28 28 88 901 54 20,285 16 6 29,485 11 8 88 88,801 12 006 8 8 87,831 8 12,006 8 8 87,831 8 9,304 2 1 2,006 4 1 80,304 2 2 2 34 4 1 80,304 4 2 1 28 101 2 3 2 11 3 3 2 11 3 4 4 4 8 15,75 4 8 8 690 6 939 7 2 385 8 8 8 690 8 8 8 690 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	18
28 28 28 29 20 20 20 20 20 20 20 20 20 20	26 15,581 26 16,158 88 88,901 16 12,008 88 87,308 88 87,308 89 30,309 21 9,676 22 20,304 4 8,775 4 8,775 75 88,690 75 20,385 80 24,798 86 12,968 88 86,268	
26 88 88 88 88 80 16 18 18 18 18 18 18 18 18 18 18	26 88 88 88 88 80 16 18 18 18 19 10 18 18 18 18 18 18 18 18 18 18	
88 16 18 18 18 18 18 18 18 19 19 19 19 19 19 19 19 19 19	88 88,801 16 12,008 18 8 97,831 41 80,309 88 87,831 41 80,309 80 304 48 15,009 10 467 11 18 6,939 11 18 6,939 11 18 6,938 88 12,968 88 12,968 88 86,268	
264 20,265 11 20,265 11 20,265 11 20,008 11 20,008 11 20,304 11 20	264 20,265 11	9
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28 20,304 12 467 238,101 48 15,009 15,009 16,009 175 38,690 18 6,933 18 6,933 18 6,933 18 6,933 18 6,933 18 6,933 18 88 12,968 18 88 12,968	28 20,304 12 467 238,101 48 15,009 4 8,575 75 88,690 1 18 6,933 80 24,798 88 12,968 16 5,258 88 86,268	~
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1 26 6,933 20,385 80 24,798 88 12,968 16 5,258	1 26 933 20,385 80 24,788 88 12,968 16 5,258 88 88 86,268	
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86.268 268.268	865,0 86,268	
36.268	86,268	
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Statistics.

Counties,	i In state hospital.	In northern hospital.	In Milwau- kee hospi- tal.	In county asylums for chronic in- sane.	In poor houses.	In poor in jails.	Total.	Population in 1890.	Ratio of insanity to population.
Richland	11	:		23		:	84	19,131	563
Rock.	88			88	:		127	43,220	340
St. Croix	2	:	:	17		:	ස	23,189	293
Sauk	11	:		. 64	c3	:	22	80,575	407
Sawyer	9					•	©	1,977	828
Shawano	:	91		4		:	14	19,386	1,874
Sheboygan		27		8	:	:::::::::::::::::::::::::::::::::::::::	117	42,489	303
Taylor	:	4		ഹ		:	a	6,731	748
Trempenleau	18	:	•	e 2		:	48	18,920	. 394
Vernon	17			43			8	25,111	418
Vilas								1,390	
Walworth	15			99			81	27,860	844
Washburn	4			1			2	2,926	585
Washington		80		33	9		46	22,751	404
Waukesha		58		43	-	11	88	33,270	374
Waupaca		30		23	********		43	26,794	628
Waushara		80		4			13	18,507	1,125
Winnebago		53		19			113	50,097	443
Wood		16		1	cs		19	18,127	954
State at large	44	43		119			202		
Total	535	643	331	2,294	23	24	8,820	1,686,880	443

Insane Under Pul	onc vare	
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		888 115 22 4 5 4 6 8 8 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	416 303 583 551 1848
	6 889 12,717 15,416 7,390 89,164 15,997 4,893	16,639 25,143 28,350 15,987 15,984 15,689 18,468 23,664 80,673 80,673 80,673 80,673 80,673 80,673 80,673	1,012 86,651 22,732 15,163 23,117 7,891
	0.28 8 1 1 2 8 8 1	25 25 25 25 25 25 25 25 25 25 25 25 25 2	88 7 88 4
	es :		
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		æ&	16
_	F- 00 F-4	100 91 11 11 11 11 11 11 11 11 11 11 11 11	88 ct . 85
	Adams Ashland Barron Rayfield Brown Buffalo Burnett	Calumet Calumet Calumbia Columbia Crawford Dane Dood Uouglas Calumbia Ford Coffee	Forest. Green Green Lake. Iowa.

CENSUS OF INSANE UNDER PUBLIC CARE SEPTEMBER 30, 1894-Continued.

Statistics.

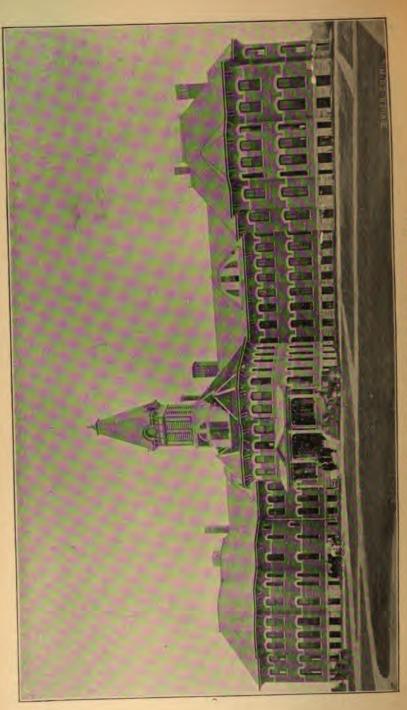
In state hospital.	In northern hospital.	In Milwau- kee hos- pital.	In county asylums for chronic insane,	In poor In jails, house,	In jails.	Totai.	Population.	Ratio of insanity to population.
1 ;			1	1		1 3	200 20	100
13	**********	**********	18			34	19,797	464
	30		07.0	******		105	33,530	818
20	, a		000			94	18, 581	458
		***************************************	19			98	19,158	691
16	No. of Contract of		900			20	38.801	491
11			33			20	20,265	405
	4		10			6	9.464	1,051
	-		10			17	12,008	200
************	13	***************************************	63		- Comme	76	37,831	498
*******			30		*******	39	80,869	779
*******	.15	***************************************	19		*** ***	34	20,304	282
	6 1.	*********	10		******	19	9,676	209
-	1	380	194	******		909	286,101	466
18		delinearing.	16	*****		34	28,211	680
*****	13	***************************************	80	*** **		48	15,009	849
	6	************	Accessed the		******	8	8,575	397
	66		54	Section 1	*******	76	88,690	200
	15		16			18	14,948	485
R			8			12	6.983	577
00			25.0			88	20,385	818
200			888		1	37	24.798	670
0	18		50		*** **	88	12,968	841
	9	** *******	0	100 000	*******	0	6,258	1.89
** *****	-		120			200	HOS-00	417

	Insane Under Public Care.	_
insanity to population.	606 333 333 498 1,068 349 673 673 673 673 674 674 674 674 674 674 674 674	
Population.	19, 121 48, 220 23, 189 80, 575 1, 477 11, 48, 489 42, 489 42, 489 6, 731 18, 920 25, 731 27, 860 2, 926 22, 751 83, 270 26, 794 13, 507 18, 127 18, 127 19, 186, 880	
Total.	88 481 482 483 100 100 100 100 100 100 100 10	
jail.		
poor house.	2 76	
kee hospi chronic in tal. sane.	28 100 100 100 100 100 100 100 10	
kee hospi tal.	380	
hospital.	6 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
hospital.	22.2 22.3 23.3 24.3 24.4 24.9	
Counties,	Richland Rock St. Croix Sauk Sauk Sawyer Sawyer Shawano Sheboygan Taylor Taylor Taylor Taylor Welworth Washburn Washburn Washburn Washburn Washburn Washburn Washington Washbara Waushara Waushara Waushara Waushara Waushara	

Statistics.

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	scharg proved	Fem. Total.	747		:	:		CQ.	:	- 4	:	-	CV	-,	7	:	1	8
	No. discharged improved.	Male.	→ 6	9	:03	–	: 1	:	-	.03	H	:-	• 🜣		:	4	-	88
N.	ģ	Fem. Total.			-	8	:00		: '	7	:	:	,	:	:			16
LATIC	discharged covered.					4	ec.	-	:			:6	9		:	:		10
S FOR 1893—POPU	No. di	Male.			74	63			:	1		:	9		:	:		8
	ear.	Total.	117	124			111	134	131	132	130		100		- '	125		2,484
	Total for year.	Fem. Total		2 62		88								87				1,171
LUME		Male.	28	3 2	202	73	52	35	78	25	£	96	4 S	31	62	89	88	1,818
Y ASY	luring	Fem. Total.	17	16	8 2	8	97	38						===	ଛ	17	200	434
STATISTICS OF ÇOUNTY ASYLUMS FOR 1893-POPULATION	sceived year.	Fem.	7	∞ «		9	GD K	14		11				9	10	5.	4-	178
	No. re	Male.	10	ж г	118	17,	<u></u> 0	25.	15	17	ေ	11	3 0C	مر	10	2-1	3	256
	No. at beginning of No. received during the year.	Total.	100	8 5	<u>6</u> 8	108	95	95	110	103	125	101	200	22	8	104	9.5	2,050
		Male, Fem. Total.	52	<u> 4</u>	40	53	45	200	47	200	63	4	24.4	31	47	43	2 8	888
	No. at	Male.	48	4 %	32.5	56	200	45	63	5 5 5	88	38	2.0	26	53	88	32	1,057
	Converge		Brown	Columbia	Dodge	Fond du Lac	•	(freen	Jefferson	La Crosse	Milwankee	Outagamie	Kacine.	Sauk	Shebovgan	Vernon	Walworth	Total





Marathon County Asylum for Insane-1894.

		County Asylums.
1893.	F.	82 :41 88 :188 60 6 88118
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Sept. 80,	M.	
	H	108 1118 1110 1110 1110 1110 1110 1110
80, 1	[편]	55 108 55
Sept. 80, 1893	M.	874888872492548888888888888888888888888888888888
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population.	, i	<u> </u>
ž ·	E.	80 0 0 1 4 4 8 0 0 5 5 3 10 10 10 10 10 10 10 10 10 10 10 10 10
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the year.	K.	<u> </u>
and bear.	T.	
Š	F.	
<u> </u>	M.	
	E.	84 4HHH H H8 HHHH8 4
improved.	표.	
	K.	4 .0
Counties		Brown Columbia Columbia Dane Dodge Dunn Fond du Lac Grant Gren Iowa. La Crosse Manitowoc Milwaukee Outagamie Racine. Racine. Racine. Sauk Sheboygan Vernon. Walworth Winnebago.

Statistics.

	5 2	ratis	STATISTICS OF COUNTY ASYLLUMS FOR 1894—POPULATION)F (30	UNTY	ASYL	LUMB	FOR	1894	POPU	ראינור	ż			
COUNTIES.	Numb	Number at begin- ning of year.	begin-	Num durin	Number received during the year.	eived year.	Tota	Total for year.	ear.	Nu charge	Number disriged recover	red.	cha	Number dis- rged improv	lis- roved.
	Male.	Fem. Total.	Total.	Male.	Male. Fem. Total.	Total.	Male.		Fem. Total.	Male.	Male. Fem. Total.	Total.	Male.	Fem. Total	Total.
Brown	55			9	00	14	59	63	199		-	-	C.	C.	
Columbia	48			0	1 (2	0	-	RI			4	•	3		
Dane	65	84	113	000	4	25-	88	52			:			:-	:
Dodge.	56			-	CS	6	63	56					1 00	•	
Dunn	63			13	œ	21	76	74		S	1	00	00		
Fond du Lac	65			10	60	13	75	56		:	S	CS			
Grant.	57			13	7	50	20	57		1	:	1			
Green	54			12	တ	15	99	62	128	· 1	-	03	4	1	
Iowa	61			1-	cs.	6	89	62	_	:::	CS	c.s			
Jefferson	73			CS.	cs.	4	75	20				:		23	
La Crosse	64			10	9	16	74	63		cs	-	60	CS	60	
Manitowoc	64	43		40	11	21	104	54	158				22	6	83
Marathon		:		7	19	122	71	51					cs		
Milwaukee	9		122	9	4	10	99	99					CS	-	
Outagamie	99		111	4	11	15	70	99	_	-	:	1	1	00	
Racine	99		118	9	4	10	73	56	128	1		1			:
Rock.	45		88	38	22	09	80	69	_		:		O.S	:	
Sauk.	88		64	-	CS.	00	50	38					1	CS.	
Sheboygan	9	7	108	-	4	=	67	52	_	:					
Vernon.	89		116	2	4	6	73	25	_	:	1	1	-	00	
Walworth	53	44	96	4	1	2	26	45	101				05	_	
Winnebago	255		65	22	19	74	80	26							
				-									-		

County	Asulums.
Counting	Dogiwiiio.

<u> </u>		County Asylums.	
]		117
80, 1894.	퍉	8 4 : H-70 A H-1 : 86 : 8 H 8 : L	49
8	Ä	ж	8
20, 1894.	Total.	1000 1100 1100 1100 1100 1110 1110 111	2,491
, 186	규.	28558844554484518858888845544885888888888	136
ි ම	M.	54455 5655 5655 5655 5656 5656 5656 565	1,855 1136
ion.	T.	800000000000000000000000000000000000000	878
population.	Œ	976 877 C C C C C C C C C C C C C C C C C C	114
dod	M.	4486389098834686481668	158
ar.	Ę	<u> </u>	137
ng ye	Œ	PD-0000000044-0000000100 :-	62
during year.	Ż.		75
oscalog.	F.		16
3	ᄄ		-
	Ä.		15
	ij.		83
proved.	स		=
<u> </u>	Ä		12
Counties.		Brown Columbia Dane Dane Dane Dunn Fond du Lac. Grean Green Milwaukee Outagamie. Racine.	Total

Statistics.

	J 2	STATI	STATISTICS	OF	COUNTY		ASYLUMS	FOR	1893	1893 OCCUPATION	PATIO	ż			
Counties.	Nump	er who	work	Number who work half a day or more.	er who day or	work more.	Number a less	er who wo	work unt.	Number who work Number who work Number half a day or more.	ber who not labor.		do Number physically disabled.	ber physi disabled	ically
	K.	Э	T.	Ä.	퍉.	T.	Ĭ.	퍈.	T.	M.	F.	T.	M.	퍈.	E.
Krown Columbia	2,29			10	124	02 42 61	18 4 4	ជី១១	000 6	£4∞1-	81.2	2 4 5	41884	115	861
Dodge Dunn Fond du Lac	2382	318°°		စီရွမ	855.6	444	о <u>Т</u> а	တ က တ	7199	영교설	ର ଜିଲ୍ଲ	844	1 4 9	-10:0	13
Green Green Jowa	18 18 18 18			# :1:	8 4 Q	នានាគ	တင္ပါတ္ (. 15 w	843	691	ដូចនូ	9 8 8 1 8 8 8	16.5	<u>4인</u>	ය සි
Jeffe son. La Crosse. Manitowoc	8383			7 7 8 8 8	5 : 51		800-	1067		4 80 81 4	<u> </u>	1338		<u>40</u>	06.81
Outagamie Racine Rock	828			11 11 16	164-1	81 4 E	<u> </u>	2000	89 11	51 6 7	2220	នេត្តន	, ⊱യ4	ကတေးတ	151 8 7
Sauk Sheboygan Vernon Walworth	25832	4840 <u>8</u>	មន្តម្ភមន	402184	င်္ကောင်းစ	28812 28812	8 2 2 3	01 - a 01	47818	64011	13 13 9	24883	დად-4-⊔	<u>61000000</u>	6 4 5 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
Total		395	978	218	228	446	180	170	33	255	279	534	111	137	\$5 \$5

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er of sint.	E.	14	20		:	0				24	641	器		3 6 −	, \$	ଊ	•		1,290
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·ä .	Ţ.	115	103		129				121	8 8	128			3 8	38				1,058 2,256
No. never in restraint.	ᄄ	57		-	8:				84	- '	88	41		24.8	•		42		
ž ^z	į	88	42	56	63	00	S 75	69	73	88	88	62	99	54.5			52	<u>इ</u>	1,198
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fo. temporarily in restraint or seclusion.	لعز	2	: 61	:	:	7	:	-	:		က	4	:	-	17	œ	:	:	27
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o. in rest'i e month more at a time.	퍈	<u> :</u>	: :	:	:	<u>:</u>	:		:	<u>:</u>		<u>:</u>	:	<u>:</u>		:	:	:	
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COUNTIES.		Brown	Columbia. Dane	Dodge		Fond du Lac.	Green	Iowa	Jefferson	La Crosse.	Milwankee	Outagamie	Racine	KockSank	Shebovgan	Vernon	Walworth	Winnebago	Total

STATISTICS FOR COUNTY ASYLUMS OF 1893—EXPENDITURES.

Statistics.

Counties.	Paid for salaries and wages.	Paid for subsistence.	Paid for fuel and light.	Paid for clothing.	Paid for furniture.	Paid for repairs.	Paid for other ordinary expenses.	Total gross current expenses.
Brown	000	40 911		-	-	_	<b>9</b> 1 980 14	401
Columbia	200	20,011						8 6 6
Dane	8.281 67	2,083 49	1.121 13	527 54	104 79	133 40	2.488 25	9.740 27
Dodge	808	3,418		_		_	1,161	690
Dunn	243	2,648			•		1,080	283
Fond du Lac		5,067			471 39	321 64	255	236
Grant	564	3,980					1,547	87
Green	8	3,253			108 00	422 5B	548	82
Iowa	820	2,289		_			423	8
Jefferson	151	4,611					573	35
La Crosse	3	4,004					549	133
Manitowoc	935	3,245	-		-		430	269
Milwaukee	<u>8</u>	5,844			•		549	8
Outagamie	484	2,253	-		191 75		123	2
Racine	803	4,601	_				878	315
Rock	88	1,796	_		_		185	8
Sauk	<b>1</b> 08	964			-		1,254	<b>8</b>
Sheboygan	356	2.833			-		975	13
Vernon	68	3,488	-		_	_	<b>8</b>	147
Walworth	<b>3</b> 65	1.804				_	422	8
Winnebago	230	1,883	-				434	27
Total	967 008 08			€17 005 F4	94 900 89	00 000 00	Q 781 819	€90K 707 70
TORRIS		600,004	co oaa'est	\$0.0%8'11 <b>\$</b>	, 600	9	\$10,130 00	ā

County Asylums.

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Received from themselves or from other from themselves or friends. sources friends. sources sources sources sources sources size size sources size size size size size size size si	Total receipts.	\$31 1,140 1,128 1,140 1,228 1,140 969 969 967 870 870 850 850 850
Received from inmates paid themselves of friends.  \$3390 \$339 \$339 \$339 \$339 \$339 \$348 \$373 \$373 \$373 \$373 \$373 \$373 \$373 \$37	Received from other sources,	\$834 215 49 8322
Received from sale of produce, stock, etc. 750 00 846 68 877 18 857 18 887 79 93 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88 73 88	Received from inmates paid by themselves or friends.	\$390 376 50 78 873 873 1120 1156 5118 479 479 469
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STATISTICS OF COUNTY ASYLUMS FOR 1894-OCCUPATION.

Counties.	Numb	er who all day.	work	Number who wor halfday or more	r who	work nore.	Numb g lee	mber who wo g less amount.	work int.	Numpe	er who d labor.	lo not	Number who work Number who work Number who work Number who do not hander physically a less amount.	ber physi disabled	ically
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Brown Columbia	2 5	22	2 4 2 6	-	13	8 %	200	4.	30	20	2:	202	2	5	8
Dane	28	8	8	-	2	13	4	-1	11	-	19	17	က	4	~
Dodge	10	11	18	<b>x</b>	16	\$	Φ;	ωį	17	ස	ଛ	8.	:	:	:
Fond dir Lac		19	7.6	90		35	12	် တ	25.55	20 0	14	4 28	20 ec	-4	4, 5
Grant	1.4	1	25	18	œ	8	2	~	18	12	21	88		-	:
Green	18	<u></u>	\$	18	14	8	21	20	41	18	8	88	13	ଛ	88
Iowa.	40	88	99	11	10	21	80	30	16	6	18	37	K)	8	11
Jefferson	88	ଛ	48	17	00	35	ଛ	11	81	9	~	18	က	4	2
La Crosse	47	3	2	4	10	6	C)	1	16	ည	2-	13	4	<u></u>	=
Manitowoc	88	9	4	15	ठर	12	9	- ;	7	ଛ	33	23	90	. O	22
Marathon	2	2	ଛ	:		:	49	8	1	<b>9</b> 0	1	19	_	4	=======================================
Milwaukee	89	37	22	20	3	\$		:	- 7	22	<b>6</b>	3	œ	တ	=:
Outagamie	8	10	45	2	-	17	91	16	92	2		75	_	2	14
Racine	90	5	8	******	# (	4	0	20 /	0		1	0	00	0	90
Rock	35	30	65	18	13	31	00	00	0	24	21	45	18	17	35
Sauk	15	16	31	20	00	9	9	0	14	4	4	20	25	1	00
Sheboygan	35	223	24	6	00	17		10	17	17	11	88	9	00	14
Vernon	30	16	46	13	13	24	15	00	23	11	10	12	00	80	16
Walworth	13	10	223	30	15	35	80	-	15	11	13	23	4	00	12
Winnebago	31	18	39	13	8	21	30	13	32	34	16	40	C.S	00	10
Total	124	401	972	558	208	485	307	264	571	294	394	588	139	183	255

County Asylums.

Counties.	No. i strain the	No. in restraint all	Z 5	o. in 1 ne mo more tin	No. in rest'nt one month or more at a time.	<u>z</u>	No. tempora aily in re- straint or seclusion.	re- or- on-	N ₂	No. never in restraint.	ä .	To day	Total number of days in restraint,	ber of raint.
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Brown	<u>  :</u>   :	:   :	<u>                                     </u>	<u>:</u>   :	<u>:</u>   :	<u>  :</u>	:	:	29		132	<u>:</u>	:	
Columbia	:	:	<u>:</u>	:	:	<u>:</u>	:	:	2		112	:	:	<u>:</u>
Dane	<u>:</u>	- <u>:</u>		<u>:</u>	<u>:</u>	_	8	ю	\$		115	8	•	98
Dodge	<u>:</u>	<u>:</u> :		- <u>:</u> -	:	<u>:</u>	:	:	888	26	119	:	:	:
Dunn Foo	<u>:</u>	<u>:</u> :	<u>:</u>	<u>:</u> :	<u>:</u> :	:	٥		000		1100	:=		9
Grant	<u>:</u>	<u>:</u> :	<u>:</u>	<u>:</u> :	<u>:</u> :		• •	^	3 8		101	3	•	•
Green		:	: :	:	<u>: :</u>			1	8	62	128			:
Iowa		:	:	-:	:			-	67		129	4		
Jefferson		<u>:</u>		<u>:</u>	:	:	:	:	75		125			
La Crosse	<u>:</u> :	<u>:</u>	<u>:</u>	<u>::</u> :		4	-	5	2	9	131	208	180	
Manitowoc	:	_	_	:		<u>:</u>	:	:	75		115	8		457
Marathon	<u>:</u> :	:	•	:	:	:	:	:	7	-	122	:	:	:
Milwaukee	:	<u>:</u>	<u>:</u>	<u>:</u>	_	:	∞ 	<b>œ</b>	8	-	115		374	
Outagamie	_	<del></del>	: 2	: :	<u>:</u>	:	-	-	61	84	109	365	_	
Racine	<u>:</u> :	<u>:</u>	<u>:</u>	:	:		;	<b>m</b>	9	53	118	14		
Kock	<u>:</u> :	:		<u>:</u>	<del>-</del>		N C	4.0	7.6	9 6	144	<b>3</b> -	ov c	36°
Shahowaan	<u>:</u> :	<u>-</u>		<u>:</u> :	:		· -	<b>-</b>	3.5	5	2 5	<b>-</b>	267	
Vernon			-			:	1 -	100	8	45.	100	6	-	
Walworth						_			26	15	101		•	
Winnebago	:	:		:		:	:	:	8	28	136			
Total		"	1 4	<u> </u> «	1 6	٦	16	8		168	9 570	308	1 794	0 88

STATISTICS OF COUNTY ASYLUMS FOR 1894—EXPENDITURES.

ف د.	400000000000000000000000000000000000000
Total Gross Current Expenses	86.0 702 10,647 10,647 10,647 10,647 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873 11,873
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Paid for other ordinary expenses.	#1,764 4,852 2,888 1,801 1,808 1,809 1,007 1,007 1,009 1,299 1,299 803 803 803 803 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1,449 1
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Paid for salaries and wages.	33.110 33.110 33.0993 33.0993 33.0993 33.0993 33.4719 33.4719 33.4719 33.4719 33.4719 33.4719 33.6993 33.4719 33.4719 33.6993 33.6993 33.714 33.6993 33.714 33.714 33.714
Pa Ba W	ထို့ မြောက်တွေသည်လွှတ်တွဲတွဲတွဲတွဲတွဲ ရှိတွေ မြောက်လွှင်းမြော်တွေတွဲလွှဲတွဲတွဲတွဲတွဲတွဲတွဲတွဲတွဲတွဲတွဲတွဲတွဲတွဲ
•	<u> </u>
<b>g</b>	
ntie	Pago
Counties	vnmbisabibibibibibibibibibibibibibibibibibi
9	Brown Columbia. Dane Dodge Dodge Dodge Columbia. Iowa Iowa Iowa Iowa Iowa Iowa Iowa Iowa
	AAASSEE SEE SEE SEE SEE SEE SEE SEE SEE

Average cost per week.	448 445 111 140 110 2 00 113 2 00		4 <del>-</del> 4 -	<b></b>	4.0	<del></del> -	-	-		11
Number of weeks board.	5,448 5,045 5,711 5,810 6,913	φ. υ, φ.			8.0	α ε	చిత్రాలు చిత్రాలు		.πυ.4. Έχα	198 111
Net current expenses.		11,872 76 10,621 04								£214 657 18
Total receipts.	\$57 49 1,857 89 1,768 62		2,023 47	1,442 47			246 49 526 80		844 48 413 52	R13 098 69
Received from other sources,		\$69 18	344 65							P4 18 K3
Received from inmates.	\$446 21 659 32	254 14	610 27	161 15	282 63		119 10 483 97	469 28 247 14	. 694 16 391 05	£4 798 41
Received from sales.	\$57 49 911 68 1,129 30	824 14	1,068 55	1,281 33	3 65 331 71	516 40	127 89	279 71	150 82 21 47	27 588 88
Counties,	Brown Columbia Dane Dodge	Fond du Lac Grant.	IOW8	La Crosse Manitowoc	Marathon	Outagamie Racine	Rock Sauk	SheboyganVernon	Walworth	Total

Statistics.		
BILLS FOR THE CARE OF CHRONIC INSAN	E IN COU	JNTY ASY-
LUMS FOR THE YEAR ENDING SEPTE	EMBER 30,	1893.
Brown county for its own insane	\$6,094 43 179 92 1,264 08	
For Marinette county insane	774 17 2,059 80	
Total appropriation to Brown county	••••••	\$10,372 40
Columbia county for its own insane	\$3,887 19	
For Adams county insane	831 51	
For Clark county insane	587 07	
For Jackson county insane	177 65 168 57	
For Marathon county insane	842 41	
For Portage county insane.	443 04	
For Waushara county insane	796 87	
For state at large	4,802 22	
Total appropriation to Columbia county		\$11,936 08
Dane county for its own insane		
For Pierce county insane	495 18	
Total appropriation to Dane county	• • • • • • • • • • • • • • • • • • • •	<b>\$</b> 8, <b>28</b> 5 75
Dodge county for its own insane	\$5,245 50	
For Lincoln county insane	499 55	
For Oconto county insane	1,883 65	
For Shawano county insane	338 80	
For Washington county insane	8,888 66	
For state at large	196 96	
Total appropriation to Dodge county	•••••	\$11,50 ² 6 ³
Dunn county for its own insane	<b>\$</b> 3,583 92	
For Barron county insane	527 57	
For Burnett county insane	215 71	
For Chippewa county insane	1,868 54	
For Douglas county insane	824 86	
For Eau Claire county insane	1,448 29	
For Jackson county insane	285 00 898 14	
For Pepin county insane	680 29	
For St. Croix county insane	2,688 42	
For Taylor county insane	812 15	
For Washburn county insane	201 71	
For state at-large	1,961 14	
Total appropriation to Dunn county		\$14,445 74

	20,001,21	
I du Lac county for its own insane	\$6,094 34	
For Douglas county insane	404 03	
For Green Lake county insane	1,876 77	
For Marquette county insane	1,210 56	
For Marinette county insane	588 12	
For Price county insane	499 26	
For Portage county insane	691 22	
For Waupaca county insane	185 24	
Total appropriation to Fond du Lac count	у	\$11,549 54
nt county for its own insane	\$4,841 14	
For Barron county insane	335 64	
For Crawford county insane	3,237 75	
For La Fayette county insane	1,046 29	
For Richland county insane	1,973 92	
		\$11,434 74
Total appropriation to Grant county		diritor in
en county for its own insane	84,078 70	
For Buffalo county insane	505 35	
For Eau Claire county insane	2,224 73	
For Jackson county insane	907 94	
For La Fayette county insane	3,858 05	
For Polk county insane	1,061 48	
FOR YOUR COUNTY AND ADDRESS OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF		
Total appropriation to Green county	********	\$12,636 25
a county for its own insane	\$3,795 27	
For Buffalo county insane	362 40	
For Jackson county insane	515 54	
For Pierce county insane	623 75	
For Polk county income	2,471 38	
For Trempealeau county insane	746 53	
For Waukesha county insane	4,886 05	
For state-at-large	983 13	
Total appropriation to Iowa county		\$14,384 05
erson county for its own insane	85,954 35	
For Burnett county insane	1,185 67	
For Eau Claire county insane	173 84	
For Juneau county insane	5,337 01	
For state-at-large	184 28	
For State-at-targettimes		
Total appropriation to Jefferson county.		\$12,835 15
Crosse county for its own insane	\$1,344 44	
For Barron county insane	484 36	
	1,959 01	
For Clark county insane	1,297 59	
For Clark county insane	1,230 60	
For Jackson county insane	72 00	
For Monroe county insane	1,119 63	
For Trempealeau county insane	2,139 82	
For state-at-large	2,100 02	
Total appropriation to La Crosse county	**********	\$12,647 45

#### REPORT OF THE

Statistics.		
Milwaukee county for its own insane	89,564 20	
Total appropration to Milwaukee county		<b>\$</b> 59,564 <b>2</b> 0
Manitowoc county for its own insane	<b>\$</b> 4,910 86	
For Marathon county insane	2,573 58	
For Marinette county insane	168 63 2,881 92	
For Ozaukee county insane	758 46	
For state-at-large	1,145 65	
Total appropriation for Manitowoc county.	•	<b>\$</b> 12,438 55
		•
Outagamie county for its own insane	<b>\$4</b> ,897 18	
For Calumet county insane	2,149 71	
For Door county insane	1,479 48	
For Kewaunee county insane	1,065 15 185 18	
For Langlade county insane	780 80	
For Shawano county insane	837 45	
For Waupaca county insane	2,720 81	
Total appropriation to Outagamie county		\$13,115 76
Racine county for its own insane	\$5,317 92 1,995 36	
For Kenosha county insane	4,618 44	
For state-at-large	474 31	
Total appropriation to Racine county	••••••	\$12,406 03
Rock county for its owns insane	<b>\$6,770</b> 85	
Total appropriation to Rock county	•••••	<b>\$</b> 6,770 85
Sauk county for its own insane	<b>\$</b> 3,499 94	-
For Trempealeau county insane	1,458 86	
Total appropriation to Sauk county	•••••	<b>\$</b> 4,953 80
Sheboygan county for its own insane	<b>\$</b> 6,528 <b>9</b> 8	
For Calumet county insane	1,010 06	
For Chippewa county insane	674 31 446 27	
Total appropriation to Sheboygan county		\$8,654 57

Vernon county for its own insane  For Buffalo county insane.  For Chippewa county insane  For Crawford county insane  For Marinette county insane  For Monroe county insane.  For Portage county insane.  For Richland county insane.  For Trempealeau county insane.  For Wood county insane.  For state-at large	\$3,902   2,259   763   171   2,887   172   642   1,046   171   4,556	74 28 29 39 34 17 86 44
Total appropriation to Vernon county (Also certificate charging Marinette and crediting Portage county, \$260.89, to correct errors in former years.)		\$15,090 85
Walworth county for its own insane  For Chippewa county insane  For Pepin county insane  For Richland county insane  For Waukesha county insane	\$4,311 ' 1,356 ' 512 ' 1,026 ' 2,048	08 28 40
Total appropriation to Walworth county		\$9,255 21
Winnebago county for its own insane For Portage county insane	\$4,425 70 S	73 20
Total appropriation to Winnebago county		. \$4,495 93
Grand total		\$228,764 97
Payment by the state to counties for their own insa Payment by the state to counties for insane in counties	rom oth	er 48,512 28
Total paid by the state	m, kept ł	\$173,239 83 by 55,525 14
Total receipts by counties having asylums.		

#### BILLS FOR THE CARE OF CHRONIC INSANE IN COUNTY ASY-LUMS FOR THE YEAR ENDING SEPTEMBER 30th, 1894.

		•
Brown county for its own insane	\$6,860 00	
For Door county insane	174 12	
For Kewaunee county insane	1,195 10	
For Marinette county insane	547 50	
For Oconto county insane	2,086 29	
Total appropriation to Brown county		\$10,363 01
		<b>V</b> - ,
Columbia county for its own insane	<b>\$</b> 3,701 14	
For Adams county insane	465 08	
For Clark county insane	1,038 87	
For Jackson county insane	175 86 112 45	
For Marathon county insane	518 19	
For Marquette county insane		
For Portage county insand	846 89	
For Waushara county insane	691 88	
For state-at-large	5,087 60	
Total appropriation to Columbia county		\$12,137 46
		• ,
Daniel de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant de la constant	40 111 01	
Dane county for its own insane	\$8,111 21	
For Pierce county insane	475 24	
Total appropriation to Dane county		\$8,586 45
		¥ . ,
	AT 00T 40	
Dodge county for its own insane	\$5,265 42	
For Lincoln county insane	664 76	
For Oconto county insane	1,818 81	
For Shawano county insane	335 90 3, <b>6</b> 55 56	
For Washington county insane	827 89	
For state at large		
Total appropriation to Dodge county		\$12,56S 34
Dunn county for its own insane	<b>\$</b> 3,850 79	
For Barron county insane	1,217 12	
For Burnett county insane	321 46	
For Chippewa county insane	2,157 92	
For Douglas county insane	321 56	
For Eau Claire county insane	2,029 76	
For Jackson county insane	477 90	
For Pierce county insane	899 00	
For Polk county insane	242 61	
For Pepin county insane	648 93	
For St. Croix county insane	2,748 48	
For Taylor county insane	810 09	
For Washburn county insane	164 03	
For state-at-large	1,858 10	
Total appropriation to Dunn county		\$17.542 73
Total appropriation to Dunin county	• • • • • • • • •	₩,

Fond du Lac county for its own insane	<b>\$</b> 7,052 21	
For Douglas county insane	164 17	
For Green Lake county insane	1,672 80	
For Marquette county insane	1,218 16	
For Marinette county insane	1,031 18	
For Price county insane	667 40	
For Portage county insane	698 97	
For Waupaca county insane	156 48	
Total appropriation to Fond du Lac county	7	\$12,655 82
Grant county for its own insane	\$5,277 42	
For Barron county insane	<b>856 60</b>	
For Crawford county insane	8,367 51	
For La Fayette county insane	1,878 83	
For Richland county insane	2,143 22	
For state at-large	89 00	
Total appropriation to Grant county		\$13,107 58
Green county for its own insane	\$4,051 62	
For Buffalo county insane	602 96	
For Eau Claire county insane	2,228 96	
For Jackson county insane	835 11	
For La Fayettee county insane	4,074 82	
For Polk county insane	872 05	
Total appropriation to Green county		<b>\$</b> 12,665 52
Iowa county for its own insane	\$3,961 57	
For Buffalo county insane	508 57	
For Jackson county insane	512 54	
For Pierce county insane	602 48	
For Polk county insane	2,631 65	
For Trempealeau county insane	687 96	
For Waukesha county insane	5,010 00	
For state-at-large	1,181 20	
Total appropriation to Iowa county		\$15,045 97
• • •		
Jefferson county for its own insane	<b>\$</b> 5,957 36	
For Burnett county insane	1.207 64	
For Eau Claire county insane	174 92	
For Juneau county insane	5,172 01	
For state-at-large	866 71	
Total appropriation to Jefferson county	•••••	\$13,378 64
La Crosse county for its own insane	\$5,067 85	
For Buffalo county insane	1,997 15	
For Barron county insane	485 17	
For Clark county insane	1,290 85	
For Jackson county insane	971 04	
For Monroe county insane	234 83	
For Trempealeau county insane	1,308 54	
For state at-large	2,649 92	
		444 604 67
Total appropriation to La Crosse county  22—B. C.	•••••	\$14,004 85

Manitowoc county for its own insane  For Calumet county insane.  For Door county insane.  For Kewaunee county insane  For Marathon county insane  For Marinette county insane.  For Ozaukee county insane.  For Waupaca county insane.  For state-at-large.  Total appropriation to Manitowoc county.	\$4,971 64 198 58 881 82 128 61 1,782 19 169 38 2,685 40 1,139 69 2,104 46	<b>\$</b> 18,561 72
For Calumet county insane.  For Door county insane.  For Kewaunee county insane  For Marathon county insane  For Marinette county insane.  For Ozaukee county insane.  For Waupaca county insane.  For state-at-large.	198 58 381 82 128 61 1,782 19 169 38 2,685 40 1,139 69 2,104 46	\$18.5 <b>6</b> 1.78
For Door county insane  For Kewaunee county insane  For Marathon county insane  For Marinette county insane  For Ozaukee county insane  For Waupaca county insane  For state-at-large	381 82 128 61 1,782 19 169 33 2,685 40 1,139 69 2,104 46	\$18.5 <b>61</b> 78
For Kewaunee county insane  For Marathon county insane  For Marinette county insane  For Ozaukee county insane  For Waupaca county insane  For state-at-large	128 61 1,782 19 169 33 2,685 40 1,139 69 2,104 46	<b>\$</b> 18.561 78
For Marathon county insane  For Marinette county insane  For Ozaukee county insane  For Waupaca county insane  For state-at-large	169 88 2,685 40 1,139 69 2,104 46	<b>\$</b> 18.561 78
For Marinette county insane	169 88 2,685 40 1,139 69 2,104 46	<b>\$</b> 18.561 78
For Ozaukee county insane  For Waupaca county insane  For state-at-large	1,139 69 2,104 46	<b>±</b> 18.5 <b>6</b> 1.7 <b>8</b>
For Waupaca county insane  For state-at-large	2,104 46	<b>±</b> 18.561.79
<del>-</del>	2,104 46	\$18.561.78
Total appropriation to Manitowoc county	••••••	£13.561 78
• •		<b>4.0</b> ,
Marathon county for its own insane	\$1,107 48	
For Barron county insane	314 74	
For Buffalo county insane	121 72	
For Clark county insane	249 95	
For Eau Claire county insane	101 15 257 27	
For Jackson county insane	257 27	
For Langlade county insane	311 47	
For Lincoln county insane	482 54	
Por Pierce county insane	62 59	
For Portage county insane	914 15	
For Polk county insane	461 20	
For Sawyer county insane	183 68	
For Shawano county insane	570 02 303 85	
For Trempealeau county insane	303 85	
For Waupaca county insane	997 22	
For Wood county insane	919 09	
Total appropriation to Marathon county		<b>\$</b> 7,358 07
Milwaukee county for its own insane	<b>\$</b> 9,606 21	
Total appropriation to Milwaukee county	• • • • • • • • • • • • • • • • • • • •	<b>\$</b> 9,606 21
Outagamie county for its own insane	<b>8</b> 4,855 57	
For Calumet county insane	2,151 43	
For Door county insane.	1,479 67	
For Kewaunee county insane	1,348 80	
For Langlade county insane	165 72	
For Oconto county insane	737 31	
For Shawano county insane	163 88	
For Waupaca county insane	2,872 50	
For Wood county insane	112 67	
For state-at-large	85 28	
Total appropriation to Outagamie county		\$13,472 83
Racine county for its own insane	\$5,670 41	
	1,681 48	
For Eau Claire county insane	4,518 44	
For state-at large	1,331 60	
Total appropriation to Racine county		\$13,201 93

County Asylums.		•	_
Rock county for its own insane	<b>\$</b> 7,303 93		
For Crawford county insane	165 85		
For La Fayette county insane	889 82		
For Richland county insane.	264 18		
For state at-large	283 57		
Total appropriation to Rock county	•••••	\$8,357	80
Sauk county for its own insane			
For Trampealeau county insane	1,467 05		
Total appropriation to Sauk county	•••••	\$5,176	11
Sheboygan county for its own insane	\$6,937 71		
For Calumet county insane	1,010 06		
Far Chippewa county insane	674 31		
For Washington county insane	1,268 97		
Total appropriation to Sheboygan county.	•••••	<b>\$</b> 9,891	05
Vorman govern for its own income	<b>49</b> 010 00		
Vernon county for its own insane	\$8,010 00 167 49		
For Buffalo county insane  For Crawford county insane	1,184 96		
For Chippewa county insane	2,160 26		
For Green county msane	162 70		
For Marinette county insane	78 85		
For Monroe county insane	2,447 15 179 64		
For Portage county insane	179 64		
For Richland county insane	687 17		
For Trempealeau county insane	1,027 86		
For Wood county insane  For state-at-large	168 64 4,468 <b>64</b>		
Total appropriation to Vernon county		<b>\$</b> 15,742	86
Walworth county for its own insane	\$4,620 61		
For Chippewa county insane For Pepin county insane	1,378 34		
For Richland county insane	507 18 1,017 26		
For Waukesha county insane	1,973 52		
Total appropriation for Walworth county.		<b>\$9,491</b>	91
Winnels so county for its own income	<b>46</b> 140 97		
Winnebago county for its own insane  For Bayfield county insane	\$6,140 37 34 28		
For Clark county insane	17 14		
For Eau Claire county insane	29 58		
For Marinette county insane	88 74		
For Portage county insane	170 27		
For state-at-large	1,354 82		
Total appropriation to Winnebago county.	•••••	\$7,835	20
		255,751	

#### REPORT OF THE

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Total receipts by countries having asylums...... \$255,751 56

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Winnebago County Asylum for Insane-1894.

### DIVISION OF APPROPRIATIONS TO COUNTY ASYLUMS FOR THE YEAR ENDING SEPTEMBER 30, 1893—PART I.

Counties from which transferred.	Counties to be paid for care.	From state.	Special tax on coun- ties from which trans- ferred.	Total.
Adams	Columbia	£156 48	\$175 08	<b>\$</b> 881 51
Barron	Dunn	258 28	271 29	527 57
Barron	Grant	156 42 284 64	179 22 249 72	885 64
Buffalo	Green	234 65	270 70	484 <b>86</b> 505 <b>8</b> 5
BuffaloBuffalo	Iowa	168 50	198 90	86 2 40
Buffalo	La CrosseVernon	981 09 2 57	1,027 92	1,959 01 6 74
Buffaio	Dunn	102 85	112 56	6 74 215 71
Burnett	Dunn Jefferson	547 50	688 17	1,185 67
Calumet	Outagamie	1,016 79 469 28	1, 132 92 540 78	2,149 71 1,010 06
Calumet	Sheboygan	658 07	710 47	1,868 54
Chippewa	Sheboygan	212 86	861 45	674 81
Chippewa	Vernon	1,016 79	1,247 44	2,259 28
ChippewaCiark	Walworth	625 72 248 14	730 86 288 98	1,856 08 587 07
Clark	La Crusso	645 72	671 87	1.297 59
Crawford	Grant	1,486 07	1,751 68	8,287 75
Crawford	Vernon	842 21 78 21	421 08 101 71	763 <b>29</b> 179 <b>92</b>
Door	Outagamie	708 93	775 55	1,479 48
Douglas	Dunn. Fond du Lac	156 48 174 21	168 48 229 82	824 56 404 08
Douglas	Dunn	711 65	786 64	1,448 29
Eau Claire	Green	1,016 79	1,207 94	2,224 78
Eau Claire	Jefferson	78 21 988 14	95 63 1,057 22	178 F4 1,995 36
Eau Claire	Racine	858 01	1,018 76	1,995 36 1,876 77
Jackson	Columbia	78 21	99 44	177 65
Jackson Jackson	Dunn	185 00 417 22	150 · 0 490 72	285 00 907 94
Jackson	Iowa	` 281 64	280 90	515 54
Jackson	La Crosse	578 79	651 81	1,230 60
Juneau Kenosha	Jefferson	2,472 43 2,148 43	2,864 58' 2,470 01	5, 837 01 4, 618 14
Kewaunee	Racine Brown.	583 29	680 79	1,264 08
Kewaunee La Fayette	Outagamie	494 58	570 57	1,065 15
La Fayette	Grant	477 42 1,788 00	568 87 2.070 05	1,046 <b>29</b> 8,858 05
Langlade	Outagamie	7 - 21	106 97	185 18
Lincoln	Dodge	284 00	265 55	499 55
Marathon Marathon	Columbia	71 14 1,206 44	97 43 1,367 09	168 57 2,578 58
Marinette	Brown	858 71	415 46	774 17
Marinette	Fond du Lac	268 71 78 21	319 41 90 42	588 12 168 68
Marinet e	Manitowoc	78 21	93 68	171 89
Marquette	Columbia	883 85	459 06	842 41
Marquette	Fond du Lac	547 50 86 00	668 06 86 00	1,210 56 72 00
Monroe	La Crosse	1,070 78	1,317 06	2,887 84
Ozaukee	Manitowoc	1,374 86	1.507 06	2,881 92
Oconto	Brown	988 58 665 93	1, 121 22 727 72	2,059 0 1,848 65
Oconto	Outagamie	876 93	408 87	780 <b>80</b>
Pepin	Dunn	198 07	205 07	898 14
Pepin	Walworth	284 64 284 64	277 59 260 54	512 28 495 18
Pierce	D	305 14	825 15	630 29
Pierce	l Iowa	286 to	887 25	628 7 5

#### DIVISION OF APPROPRIATIONS, 1898—Continued.

Counties from which transferred.	Counties to be paid for care.	From state.	Special tax on coun- ties from which trans- ferred.	Total.
PricePolk	Fond du Lac	\$224 58 483 22	\$274 68 578 26	\$499326 1,061 48
Polk	Iowa	1, 172 79	1.298 59	2,471 88
Portage	Columbia	196 71	246 88	448 04
Portage	Fond du Lac	812 86	878 86	691 22
Portage	Vernon	78 21	98 96	172 17
Portage	Winnebago	88 85	87 85	70 20
Richland	Grant .	898 07	1.075 85	1.978 98
Richland	Vernon	293 57	849 29	642 86
Richland	Walworth	469 29	557 11	1,026 40
St. Croix	Dunn	1, 287 21	1,401 21	2,688 48
Shawano	Dodge.	136 48	181 87	898 80
Shawano	Outagamie	151 98	185 52	887 45
Taylor	Dunn	891 08	421 07	819 15
Trempealeau	Iowa	852 29	894 24	746 53
Trempealeau	La Crosse	587 01	568 68	1,119 68
Trempealeau	8auk	708 98	749 98	1,453 26
Trempealeau	Vermon	469 28	577 16	1,046 44
Washburn	Dunn	98 36	108 85	201 71
Washington	Dodge	1,817 86.	2,021 30	8,838 66
Washington	Sheboygan'	207 21	239 06	446 27
Waukesha	Iowa	2,810 08	2,576 02	4,886 05
Waukesha	Walworth	978 95	1,074 82	2,048 77
Waupaca	Fond du Lac	78 22	107 02	185 24
Waupaca	Manitowoc	858 98	399 53	758 46
Waupaca	Outagamie	1,298 65	1,427 16	2,720 81
Waushara	Columbia	362 78	433 59	796 87
Wood	Vernon	78 21	98 28	171 49
Totals		\$48,512 28	\$55,525 14	\$104,037 87

### DIVISION OF APPROPRIATION TO COUNTY ASYLUMS FOR THE YEAR ENDING SEPTEMBER 80, 1893.

#### (PART II.—For their own insane and state at large )

,	For their own insane.		Total.
Brown county	. \$6.094.48		\$6,094 4
Columbia county			8,639 4
Dane county,			7,790 5
Dodge county			5.442 4
Dunn county			5,545 0
Fond du Lac county	6,094 84		6,094 8
Grant county			4,841 1
Green county			4,078 70
lowa county			4.778 40
Jefferson county			6, 188 6
La Crosse county			6,484 2
Milwaukee county			9,584 2
Manitowoc county	4 910 86	1, 145 65	6,056 0
Outagamie county	4.897 18		4,397 1
Racine county			5,792 2
Rock county			6,770 8
Sauk county.	8,499 94		8,499 9
Sheboygan county			6,523 9
Vernon county			7,459 9
Walworth county	. 4,311 73		4, 311 7
Winnebago county	4,425 78		4,425 7
Totals	. \$108, 283 55	\$16,444 05	\$124,727 6

### DIVISION OF APPROPRIATIONS TO COUNTY ASYLUMS FOR THE YEAR ENDING SEPTEMBER 30, 1894.—Part I.

			<del></del>	
Counties from which transfered.	Counties to be paid for care.	From state.	Special tax on counties from which transferred.	Total.
Adams	Columbia	\$218 85	\$251 28	\$165 08
Barron	Grant	156 42	200 18	856 60
Barron	Dunn	592 71	624 41	1,317 12
Barron	La Crosse Marathon	284 65 155 86	250 52 159 88	485 17 814 74
Bayfield	Winnebago	17 14	17 14	34 28
Buffalo	Green	298 48	820 68	602 96
Buffalo	Iowa	234 64	278 98	508 57
Buffalo	La Crosse	964 98	1,082 22	1,997 15
Buffalo	Marathon Vernon	60 86 78 21	60 86 89 28	191 79 167 49
Burnett	Dunn	156 48	165 08	821 46
Burnett	Jefferson	847 50	660 14	1, 206 64
Calumet	Manitowoc	93 21	105 37	196 58
Calumet	Outagamie	1,016 79	1, 184 64	2, 151 43
Calumet	Sheboygan	469 28	540 78	1,010 06
Chippewa	Sheboygan	1,048 29 812 85	1,109 63 361 46	2, 157 92 674 31
Chippewa	Vernon	976 50	1,183 76	2,160 26
Chippewa	Walworth	625 72	747 62	1,878 84
Clark	Columbia.	469 28	569 09	1,088 87
Clark	La Crosse	625 72	664 63	1,290 85
Clark	Marathon Winnebago	191 71 8 57	128 24 8 57	249 93 17 14
Clark	Grant	1,486 07	1,881 44	3,887 51
Crawford	Rock	85 85	R2 93	165 85
Crawtord	Vernon	547 50	637 46	1, 184 96
Door	Brown	78 21	95 91	174 12
Door	Manitowoc	180 86' 687 86	200 96	881 82
Douglas	Dunn	156 43	791 81 1 <b>65 1</b> 8	1,479 67 821 56
Douglas	Fond du Lac	78 21	85 96	164 17
Douglas	Dunn	977 78	1,051 98	2,029 76
Eau Claire	Green	1,028 16	1,200 80	2, 228 96
Eau Claire	Jefferson	78 21	98 71 50 58	174 92
Eau Claire	Racine	50 57 801 85	50 58 879 63	101 15 1,681 48
Eau Claire	Winnebago	14 79	14 79	29 58
Green.	Vernon	78 01	89 63	162 70
Green Lake	Fond du Lac	782 15	890 15	1,672 80
Jackson	Columbia. Dunn	78 21 228 00	97 65 249 90	175 86 477 90
Jackson	Green	891 08	444 03	835 11
Jackson	lowa	284 64	277 90	519 54
Jackson	La Crosse	469 29	501 75	971 04
Jackson	Marath n	121 71	185 16	257 27
Juneau Kenosha	Jefferson	2,366 79	2 805 22 2 864 78	5,178 01
Ke aunee	Brown	2, 149 71 547 50	647 60	4,518 44 1,195 10
Kewaunee	Manitowoc	61 93	66 68	128 61
Kewaunee	Outagamie	651 00	697 80	1,348 80
La Fayette	Grant	814 28	1,059 53	1,873 83
La Fayette	Green	1,889 86	2, 185 46	4, 074 82 389 82
La Fayette	Rock	190 28 150 86	199 54 160 61	811 47
Langlade	Outagamie	78 21	87 51	165 72
Lincoln	Dodge.	312 85	851 91	664 76
Lincoln	Marathon	227 57	254 97	482 54
Marathon	Columbia	47 14 880 57	65 31 951 63	112 45 1,782 19
Marinette	Manitowoc	247 50	800 00	1,782 19 547 50
Marinette	Fond du Lac	469 29	561 89	1,031 18
				,, <u></u>

#### DIVISION OF APPROPRIATIONS, 1894—Continued.

Counties from which transferred.	Counties to be paid for care.	From state.	Special tax on counties from which trans- ferred.	Total.
Carinette	Manitowoe	\$78 21	\$91 12	\$169 8
farinette	Vernon Winnebago	82 57 41 37	46 28 44 87	18 8 18 7
iarquette	Columbia.	287 85	280 84	818 1
larquette	Fond du Lac	547 50	665 66	1,218 1
lonroe		105 00	129 88	284 8
lonroe	Vernon	1,110 00 988 57	1,887 15 1,147 72	2,447 1 2,086 2
conto	Dodge.	860 85	958 46	1,818 8
conto	Outagamie	851 48	385 88	737 8
zaukee	Manitowoc	1,270 50	1,414 90	2,685 4
Pepin	Dunn	812 86 230 14	831 06 277 04	648 9 507 1
Pepin	Dane	234 65	240 69	475 2
ierce	Dunn	441 00	458 00	899 0
erce	Iowa.	283 29	319 19	60% 4
lerce	Marathon	80 48 114 43	82 16 125 18	62 5 242 6
olk	Green	898 15	473 90	872 0
olk	lowa	1,229 57	1,402 08	2,681 6
olk	Marathon	223 29	237 91	461 2
ortage	Columbia	156 42 312 86	190 47 386 11	846 8 698 9
ortage	Marathon	451 50	482 65	914 1
ortage	Vernon	78 21	101 48	179 6
ortage	Winnebago	78 21	85 06	170 2
rica	Fond du Lac	293 57 937 50	378 83 1, 205 72	567 49 2,143 2
ichlandichland	Rock	129 64	134 49	264 13
ichland	Vernon	812 86	374 31	687 1
ichland	Walworth	469 29	547 07	1,017 2
t. Croix	Dunn Marathon	1,829 64 91 29	1,418 84 92 39	2,748 41 188 6
awyerbawago	Dodge.	156 42	179 48	285 9
bawano	Marathon	280 93	289 (9	570 0
bawano	Outagamie	78 21	85 67	168 8
aylor	Dunn	391 07 806 65	419 02 831 81	810 06 687 9
rempealeau	La Crosse	637 50	671 04	1,808 5
rempealeau	Marathon	144 86	158 99	1,303 8
rempealeau	Sauk	708 93	763 12	1,467 0
rempealeau	Vernon	469 28	558 08	1,027 8 164 0
Vashburn	Dunn	78 21 1,728 85	85 81 1,926 71	164 05 3,655 50
Ashington	Sheboygan	589 71	679 26	1,268 9
Zaukesha	Iowa.	2,892 00	2,628 00	5,010 0
Zautesha	Walworth	938 58	1,034 94	1,973 5
Yaupaca	Fond du Lac	78 21 531 64	78 22 608 05	156 49 1, 189 69
aupaca	Marathon.	478 50	518 72	997 2
/audaca	Outagamie	1,347 00	1,525 50	2,872 50
7aushara	Columbia	812 85	379 02	691 80
700d	MarathonOutagamie	447 64 58 36	471 45 59 81	919 09 112 67
700d	Vernon	78 21	90 43	168 6
_				
Total	l	\$55,054 23	\$62,719 01	\$117,778 2

## DIVISION OF APPROPRIATIONS TO COUNTY ASYLUMS FOR THE YEAR ENDING SEPTEMBER 30, 1894.

#### Part II.—(For their own insane and state-at-large.)

	For their own insane.	For state insane.	Total.
Brown county. Columbia county Dane county Dodge county Dounn county. Fond du Lac county. Grant county. Green county. Iowa county. Jefferson. La Crosse county. Manitowoc county. Manitowoc county. Milwaukee county. Milwaukee county. Racine county. Racine county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county. Racy county.	8, 701 14 8, 111 8, 285 42 8, 850 79 7, 032 21 5, 277 42 4, 051 62 4, 051 67 5, 857 85 4, 971 64 1, 107 85 1, 107 85 1, 107 07 5, 670 41 7, 303 91 8, 709 06	827 89 1, 858 10 89 00 1, 181 20 866 71 2, 649 92 2, 104 46 85 28 1, 831 28 1, 831 28	5,50± 89 7,05± 21 5,865 4± 4,051 68
Walworth county	4,620 61		4,620 61
Total	<b>\$115,889</b> 58	\$22,088 79	\$187,978 85

#### Weekly Cost per Capita.

### WEEKLY COST PER CAPITA OF INSTITUTIONS FOR THE INSANE

#### As reported by the officers in charge of each.

#### FOR FIRST DECADE.

Institutions.	1861	1862	1868	1864	1865	1866	1867	1868	1869	i870
State hospital Northern hospital	<b>34</b> 61	\$3 79	<b>\$</b> 3 75	<b>\$</b> 3 63	<b>\$</b> 5 08	\$4 80	\$4 50 ····		\$4 42	

#### FOR SECOND DECADE.

Institutions.	1871	1972	1878	1574	1875	1876	1877	1878	1879	1880
State hospital	\$4 12	\$1 59	\$5 12 9 27	81 81 6 41	\$5 22 6 46	\$5 85 5 14	\$5 08 4 68		\$4 78 4 20	\$1 98 4 85 2 91

#### FOR THE THIRD DECADE.

Institutions.	1881	1882	1883	1884	1885	1886	1887	1898	1889	1890
State hospital	\$4 48 4 38 8 66	\$3 92 3 57 4 14	\$3 90 3 89 3 89	3 67	8 78	\$3 46 3 22 3 16	\$8 55 3 82 8 79	3 80	8 44	\$3 88 8 70 8 58
Brown Columbia Dane Dodge Dunn Fond du Lac Grant Green Lowa Jefferson La Crosse Manitowoc Milwaukee Outagamie Racine Rock Sauk Sheboygan Vernou Walworth Winnebago		1 02	1 82 2 09 2 83 2 00 1 71 95	1 83 2 04 2 27 2 00 1 94 1 28 1 38 2 19	1 90 2 11 1 87 1 78 1 40 1 78 2 10	1 50 1 93 2 14 2 10	1 88 1 49 2 37	1 65 1 80 1 60 2 80 1 80 1 1 61 1 17 2 63	1 52 1 57 1 86 1 60 1 47 1 70 1 68 1 80 1 72 8 23	1 85 1 65 1 75 1 78 1 81 1 79 1 74 1 24 1 32 1 51 2 54 8 73 1 37 1 98 1 68 1 83 1 18
Av. for county asylums	l	\$1 66								

### WEEKLY COST PER CAPITA—Continued. FOR FOURTH DECADE.

Institutions.	1891	1862	1893	1894
State Hospital Northern Hospital Milwaukee Hospital	84 17 3 56 8 65	3 8 8	8 3 70	3 73
COUNTY ABYLUMS.		ĺ	1	
Brown Columbia Dane Done Dodge Dounn Fond du Lac Grant Green Iowa Jefferson La Crosse Marathon Manitowoc Milwaukee Outagamie Racine Rock Sauk Sheboygan Vernon Walworth Walworth Walworth	2 00 1 53 1 70 1 73 1 98 1 74 1 90 1 48 1 32 1 60 2 91 1 29 2 31 1 60 1 38 1 1 88	1 5 1 6 1 8 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	1 05 0 1 5 × 5 1 1 5 × 5 1 1 5 × 5 1 1 5 × 5 1 1 5 × 5 1 1 5 × 5 1 1 5 × 5 1 1 5 × 5 1 1 5 × 5 1 1 5 × 5 ×	1 40 00 1 50 90 1 50 1 50 1 50 1 50 1 50 1
Winnebago	- 10	1.0	.]	
Av. for county asylums	\$1.78	\$1 7	\$1 74	81 74

#### Pauperism.

#### SYSTEMS OF POOR RELIEF.

Counties.	Systems.	Counties.	Systems.
Adams	County, with poorhouse.	Marathon	Mixed, with poorhouse.
Barron	Mixed, with poorhouse	Marquette	Town.
Bayfield	Town	Milwaukee	County, with poorhouse.
Brown	Mixed, with poorhouse .	Mobroe	County, with poorhouse.
Buffalo	Town	Oconto	Town, city poorhouse in
Burnett	Town		Oc nto.
Calumet	Town.	Outagamie	Town, city poorhouse in
Chippewa	County, with poorhouse.	0	Appleton. Town
Clark	Mixed, with poorhouse County, with poorhouse.	Ozaukee	Town.
Craw ford	County, with poorhouse.	Pepin	Mixed, with poorhouse.
Dane	County, with poorhouse.	Polk	Town.
Dodge	Mixed, with poorhouse	Portage	Town, city poorhouse in
Door	Town	1010260 1111111	Stevens Point.
Douglas	County, with poorhouse.	Price	County, with poorhouse.
Dunn	County, with poorhouse.	Racine	Mixed, with poorhouse.
Eau Claire,	Mixed, with poorhouse	Richland	County, with poornouse.
Florence	County, with poorhouse.	Rock	County, with poorhouse.
Fond du Lac	Mixed, with poorhouse	St. Croix	County, with poorhouse.
Forest	Town.	Bauk	County, with poorhouse.
Grant	Mixed, with prorhouse.	Sawyer	County, with poorhouse.
Green	County, with poorhouse.	Shawano	Town.
Green Lake	Town. County, with poorhouse.	Sheboygan	Town, city poorhouse in
Jackson	Mixed, with poorhouse.	Taylor	Sheboygan. County, with poorhouse.
Jefferson	County, with poorhouse.	Trempealeau	Town.
Jureau	County, with poorhouse.	Vernon	County, with poorhouse.
Келовьа	Town, city poorhouse in		County, with poorhouse.
	Kenosha	Washburn	Town.
Kewaunee	Mixed, with poorhouse	Washington	County, with poorhouse.
La Crosse	Town, city poorhouse in	Waukesha	Mixed, with poorhouse.
	La Crosse	Waupaca	Mixed, with poorhouse.
La Fayette	Mixed, with poorhouse	Waushara	Town.
Langlade	Town.	Winnebago	Mixed, with poorhouse.
Lincola	County, with poorhouse.	Wood	County, with poorhouse.
Manitowoc	Town	1	J

From data at hand in this office it seems to be a settled fact that in counties establishing poorhouses there has been a marked reduction in the number of paupers. Without poorhouses there is almost universally a needless expense in out-door relief, making the cost almost, if not quite, double what it should be.

#### STATISTICS OF PAUPERISM.

The years 1893 and 1894 mean the twelve months ending September 30th.

Movement of Population in Poorhouses.	1893.	1894.
Number in poorhouses at the beginning of the year Of whom were males	1,108 755 353	769
There were received during the year	86) 619 241	855
There were born in poorhouses	. 18 11	19
Making the total number in poorhouses during the year Of whom were males	1,997 1,392 605	1.643
There were discharged during the yearOf whom were males	667 491 176	606
There were placed out during the yearOf whom were males	25 17 8	11
Ran away during the yearOf whom were malesAnd females	29 26 3	17
There died in poorhouses during the year  Of whom were males  And females	135 103 32	127 93 34
Number remaining in poorhouses at the end of the year Of whom were males	1,141 755 386	1,314 910 398

#### Pauperism.

#### AGES OF PAUPERS IN POOR HOUSES.

•	1893.	1894.
Number of inmates under five years of age at close of year. There had been in all during the year	27 85	85 98
There had been between five and sixteen at close of year  There had been in all during the year		30 79
There were of sound mind and body at the close of year There had been in all during the year	9 34	11 39
There were between sixteeen and sixty at close of year There had been in all during year	405 763	540 995
There were over sixty years of age at close of year  There had been in all during year	642 872	700 897
Ages not reported at close of year	40 202	9 230

#### CAUSES OF PAUPERISM IN POOR HOUSES.

Officers in charge report as follows for those in poor houses during each year:

	1893.	1894.
Insanity Epilepsy Idiocy Deafmutism Blindness Old age Disease Deformity or loss of limbs. Lying-in cases Not disabled Causes not reported.	28 110 5 58 547 273 61	10 64 604 359

#### Poorhouses.

#### NATIVITY OF PAUPERS IN POORHOUSES DURING EACH YEAR*

	1893.	1894.
Number of inmates of native birth	508 1,119 370	656 1,373 278

#### FINANCIAL STATEMENTS OF POORHOUSES.

Expenditures.	1893.	1894.
Salaries of overseers and matrons Wages of employes. Medical attendance. Groceries and provisions. Fuel and lights. Clothing. Furniture. Ordinary repairs. Other ordinary expenses.  Total current expenses.	\$21,646 49 16,538 64 4,030 12 27,104 93 7,944 02 5,878 62 1,119 28 3,125 35 15,069 81	19,604 32 5,311 12 39,044 03 8,220 68 9,463 60 1,770 38 4,809 34 20,123 66
RECEIPTS.  From sales of farm produce	\$11,829 11 2,010 49 2,026 80 \$22,866 40 .\$79,590 86 ====================================	\$117,141 15 71,017

### COST OF POOR RELIEF.

### 8888841158888825788888854854848588888888 Average of population 1980 and 1890. 554762885548862868586846666888867774 Average annual cost. బ్రాబ్రభ్య చేశారి 4 బ్రహ్హ చేశారి. 85438854888948654785485478548598048438892 Total. 9554999878839<u>58</u>44777848449989594688888 \$\$\\ \text{2} \text{1} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2 8 28.00 24.00 24.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 89 88 84334857488834138878881888 :81033471334 88 88 8882 82482888 888 Counties.

### Poor Relief.

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### Superintendents of Poor Houses.

### LIST OF SUPERINTENDENTS OF POOR HOUSES.

Countles.	Name of person in charge of poor house.	Postoffice address.	Salary
dams	H. H. Mason	Big Spring	\$400
			900
shland		High Bridge	600
arron	F. J. Fuller	Barron	
Brown		Green Bay	480
hippewa		Chippewa Falls	700
lark		Neilisville	600
olumbia	B. Miller	Wyocena	333
rawford	C. E. Thompson	Seneca	900
ane		Verona	820
odge		Juneau	500
ouglas		West Superior	800
urn		Menominie	400
			1 600
au Claire		Eau Claire	
ond du Lac	L. Manderscheid	Fond du Lac	600
rant		Lancaster	480
reen	R. C. Whitcomb	Monroe	450
owa		Dodgeville	450
ackson	J. C. Tucker	Black River Falls	550
efferson		Jefferson	400
uneau		New Lisbon	l égo
		Alaska	875
ewaunee			700
a Fayette		Darlington	
incoln		Merrill	500
[arathon		Wausau	800
[ilwaukee		Wauwatosa	1,000
[onroe	A. Boss	Sparta	700
iarca		Elisworth	600
rice		Phillipps	800
acine		Yorkville	900
ock		Johnstown	400
ichland		Bloom City.	760
		Pleasant Valley	600
t. Croix			850
auk		Reedsburgh	
awyer		Hayward	360
aylor	Henry Brehm	Medford	ათ
ernon		Viroqua	695
alworth	J. P. Davis	Elkhorn	500
ashington		Raiter	600
aukesha		Waukesha	700
aupaca		Little Wolf	500
		Winnebago	800
/innebago	A Abrams	Port Edwards	600
700d	A. Aurams	FOR Edwards	•••
CITY POOR HOUSES.			
ppleton	Joseph Ulman	Appleton	360
enosha		Kenosha.	120
a Crosse		Ls Crosse	700
conto		Oconto	••••
tevens Point		Stevens Point	
heboygan		Sheboygan	600
tockbridge	M. McHugh	Stockbridge	885

			•



Iron County Court House and Jail—1893.

### County Jails.

### COUNTY JAILS.

### MOVEMENT OF POPULATION.

		1893.			1894.	
	Male.	Fe- male	Total.	Male.	Fe- male.	Total.
Number prisoners in jail Novem-				<del></del> -		
ber 1	691	10	701	420	20	440
Number received during year	12,060	254	12,314	12,352	889	12,641
Total number during year	12,751	264	18,015	12,772	409	13,181
No	===					
Number removed to state prison	227	44	000	877	8	885
during year		11	238	977	0	900
Number removed to industrial	101	60	129	89	0.4	128
schools		28				
Number let out on bail	408	2	410	863	59	
Number let out on nolle prosequi.	104	3	107	85	1	86
Number discharged on writ of ha-	23	1	24	61	3	64
Number escaped and not recap-		-	~-	01	٥	01
tured	24		24	19		19
Number died in jail	8		8	1 a		18
Number otherwise removed	11,433	195	11,628	11 218	227	11,455
Mumber Offici are terroved	11,700	100		11,210	201	11,200
Total number passed out	12,328	240	12,568	12.218	342	12,560
Number prisoners remaining	428	24	447	554	67	621
Z.umbor Prino-ord romania.				332	1	

### CLASSIFICATION OF PRISONERS.

	1893.	1894.
		<u> </u>
Number serving sentence in jail	8,217	9,669
Number serving sentence in jail	1,686	1,741
Number of city or village prisoners not charged against the	1	-
county	706	940
county Number detained as witnesses	85	49
Number of insane or idiotic prisoners	221	156
Number of insane or idiotic prisoners	2,150	8,118
Totals	13,015	15,678

### ESCAPES.

•	1898.	1894
Number different attempts at escape	68	39
democr director accompasso code	49	24
Number unsuccessful attempts at escape		
Number unsuccessful attempts at escape	27	1.
Number unsuccessful attempts at escape	27 40	

Of these escapes a number were tramps at work outside of the jail and no effort made to recapture them.

### ALLEGED OFFENSES OF PRISONERS AWAITING TRIAL

		1893.			1894.	
	Male.	Fem.	Total.	Male.	Fem.	Total.
Vundan	86	4	40	34	6	40
Murder	2	*	20	5		1
Manslaughter	83	• • • • • •	83	21		
Rape		2		48		21
Assault with intent to kill	61 88	z	68		. 1	49
Assault to do bodily harm			88			55
Other crimes against the person	180	3		410	87	497
Arson	15	2	17	5	• • • • • •	5
Burglary	150		150			168
Embezzlement	85	1	86		. <b></b>	29
Forgery	H4	1	35	35		32
Larceny	181	7	138	69		80
Horse stealing	22		22	26	• • • • • •	26
Obtaining money or property un-					_	
der false pretenses	56		56	72	2	74
Robbery	87	• • • • •	87	33		38
Other crimes against property	14		14	391	28	419
Adultery	82	13	45	27	8	85
Bigamy	4		4,	8!		8
Incest	7		7	2		2
Fornication	14	1	15	6		6
Seduction	8		8	18		18
Perjury	16		16	3		8
Miscellaneous	538	40	578	446	19	465
Selling liquor to Indians	80		80	50.		50
Violation of revenue laws	20		20	11		11
Liquor on reservation	6		6	112	2	114
Robbing mail	2		2	6		6
Other offenses against the U. S.			1	i		
laws	19	7	26	19	1	20

### County Jails.

### OFFENSES OF PRISONERS SENTENCED.

	18	98.	18	94.
	Male.	Fem.	Male.	Fem.
Assault and batteryBastardy	515 83	6	448 89	4
Contempt of court	8,707 4	1 33	18	
Larceny	68	61	650 111	76
Violation of liquor laws		4	5,110 294	

### ADDITIONAL FACTS.

	189	98.	18	94.
	Male.	Fem.	Male.	Fem.
Number of foreign born prisoners	8,689 5,115 125 1,721 488 210	126 8 6 80	3,085 746 175	163 6 7 21

### COUNTY JAILS, 1894.

		ction.	Original	No. of cells.		How many	
Counties.	Material of which constructed.	Date of unisaco	jall, in- cluding additions.	For males.	For females.	accomo- dated.	Вепатке.
Ashland	Stone and brick	88	\$ 35,000 00	18	-	8	First class fail, in good condition and well managed.
Barron	Stone and brick	1892	10,000 00	9	~	88	The ventilation and sanitation are good.  Cells are of steel, with corriders three feet wide around
							cage. Water closets in each cell and in outer room.
Bayfield	Brick	1803	12,500 0	<b>t-</b>	-	ล	This is a new jail and a credit to Bayfield county.
Brown	Brick and stone	1867	40,000 00	8	-	3	Pri-oners were moved in November 11th, 1893.  Basement jail with department above. The latter is
			-				
Buffalo	Brick and stone	1888	5,000 00	တ		. 13	1884. A very good brick building. Covered buckets are ured. A verlightlon fair. Room upstairs originally intended
Burnett Calumet	Oak timber Stone and iron	1887 1877	700 00 5,000 00	∞ <del>4</del>	es.	63	for women but never finished. Not often used. A very poor jall. A small jall but answers fairly well as there are not
Clark		1877	2,000 00	ON.	<b>65</b>	9	many prisoners confined therein.  Not large enough nor properly ventilated. Two cells in
Columbia	Brick and Iron	1887	18,000 00	16	8	<b>8</b>	Sheriff's residence for females A well constructed jail but defective in regard to sewer.
Chippewa	Stone and brick	1875	20,000 00	ક્ષ	Oł.	2	age. Female cells above sheriff's residence. Inspection of August 2, 1804, fourd this fall in an un- cleanty condition. The fall is multiplead to the condition.
Crawford	Stone and iron	1867	<b>36,000</b> 00	8		8	plied with water from city water works.  Located in the basement of the court house. Dark, damp and not a fit place to confine prisoners. No
Dane	Stone and brick	1893	48,000 00	\$	4	88	provision for the separation of sexes. Everything - kept in as good candidon as possible, A practically dreproof and very complete jail. One of
Dodge Door	Stone and brick	1601	80,000 6,000 00,000	20	**	2°	the cost in the state. A good jall with modern improvements. A well built jall with separate cell for women.

County	Jails.
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_								unc		<i>-</i> -	8	•							
Of approved construction with steel cage, but too small	for the needs of the county.  A very well kept jall.  A very good jal, supplied with city water.  Sufficiently large for present needs. Everything in first	class condition at the time of last inspection.  A good jail, lacking, however, facilities for the proper	separation of sexes.  Steel cage with twelve cells. Ventilation poor. The county board have so'd sheriff's residence and will build a new one contiguous to the jail at a cost of	\$3 000. A very good jall and eafe. Not many prisoners confined in this jall. During "tramp season" about six prison-	ers a day is the average. Fairly well built. Steel cages on first floor. No pro-	vision made for reparation of sexes.  A fairly good building with separate apartment for	women.  A first-class jail in all appointments. Fine cage and good beds. Well supplied with water and well vent!	lated.  Ventilation and sewerage good. City water. Separate	room for females. A fair jail kept in good order.	This jail is of go d construction and fully meets the re-	Two cages, one above the other. Separate room which	may be used for females. Fairly well kept.  A good jail, except that there are no facilities for the	separation of sexes.  A very fine jail. Heated by steam and lighted by elec-	tricity. Department for females. Finely kept. Stone building lined with plank. The cells are of wood and the fall is not properly constructed to hold crimi-	nals.  Two steel cages on each floor. The jail is too small for	A fair jail with good facilities for the separation of sexes	A fine, new jail furnished with all modern conveniences.	Separate cell of tentales.  A very good fall with fron cage.  New, with all modern improvements, well kept and in	good conducton. Separate cell for insane.  Real cage in one room of basement of court house.  This jail is not constructed according to law as it is dark, low and unhealthy.
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1888	95 95 95 95 95 95 95 95 95 95 95 95 95 9	1869	1872	1871	1870	187	1898	1878	1874	1875	1885	1885	1890	1869	1885	1885	1692	1874	1866
Brick	Brick Brick Stone and brick	Stone and brick	Stone and brick	Brick and iron	Stone	Stone and iron	Brick	Brick	Stone and brick	Stone and brick	Stone and brick	Stone and brick	Stone and brick	Stone	Stone and brick	Stone and brick	Stone and brick	BrickStone and brick	Stone and brick
Douglas	Dunn Eau Claire Florence	Fond du Lac	Grant	Green	Green Lake	Iowa	Iron	Jackson	Jefferson	Juneau	Kenosha	Кежепрев	La Crosse	La Fayette	Langlade	Lincoln	Manitowoc	Marathon	Marquette

# COUNTY JAILS, 1894.-Continued.

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	Remarks.	This is the best jail in the state and its capacity is suf- ficient. All women or girl prisoners are confined in what is known as the female ward, which is separate from the part occupied by the males. Capacity of	female department is 16.  A very satisfactory jall and hitherto has had good men-		agement. A very gcod jail, well supplied with water closets and	agement.  A very good jail, well supplied with water closets and bath rooms. Separate room for females.  A good building with iron cages. Large room for the	Agement.  A very good jail, well supplied with water closets and bath knons. Separate room for females.  A good building with fron cages. Large room for the temporary detention of women and boys.  This is what is called a rotary cage and is fairly satis-	Agement.  A very good jail, well supplied with water closets and bath rooms. Separate room for females.  A good building with iron cages. Large room for the remporary detention of women and boys.  This is what is called a rotary cage and is fairly satisfactory.  New building, having five double cells for males and two single cells for women. Bath tubs. Building	Agement.  A very good jail, well supplied with water closets and bath knons. Separate room for females.  A good building with fron cages. Large room for the temporary detention of women and boys.  This is what is called a rotary cage and is fairly satisfactory.  New building, having five double cells for males and two single cells for women. Bath tubs. Building heated by steam.  A poor jail and but little used.  On first floor of court house. Considered safe.  Located in basement of stone building, the two upper floors of which are occupied by younty offices. The	Avery good jail, well supplied with water closets bath rooms. Separate room for females.  A good building with iron ragies. Large room for femorary detention of women and boys.  This is what is called a rotary cage and is fairly sfactory.  New building, having five double cells for male two single cells for women. Bath tube. Builheated by steam.  A poor jail and but little use. Considered safe.  Located in basement of stone building, the two ufforms of which are occupied by county offices, jail part is damp and unsuitable for occupancy.  Basement jail Nov ventitation sewerage.	A very good jail, well supplied with water closets and bath rooms. Separate room for females.  A good building with from enges. Large room for the temporary detention of women and boys.  This is what is called a rotary cage and is fairly satisfactory.  New building, having five double cells for males and two snigle cells for women. Bath tubs. Building headed by steam.  A poor jail and but little used. On first floor of court house. Considered safe.  Located in basement of stone building, the two upper floors of which are occupied by county offices. The jail part is damp and unsuitable for occupancy. Conferent of which are occupied by county offices. The same of which are occupied by county offices. The same of which are occupied by county offices. The same of which are occupied by county offices. The latter of which are occupied by county offices. The same of which are occupied by county offices. The same of which and notice served on the county court and notice served on the county cells in second story. Two cells on ground floor not used having been condemned. There are not cells necently served.	A very good jail, well supplied with water closets and bath knoms. Separate room for females.  A good building with iron eages. Large room for the temporary detention of women and boys.  This is what is called a rotary cage and is fairly satisfactory.  New building, having five double cells for males and two snigle cells for women. Bath tubs. Building heated by steam.  A poor jail and but little used.  On first floor of court house. Considered safe.  Located in basement of stone building, the two upper floors of which are occupied by younty offices. The jail part is damp and unsuitable for occupancy. Condemned by the board, and notice served on the county clerk June 4, 1894.  New jail in cours of constructed jail. Sleel cage with four cells in second sory. Two cells on ground floor not used having been condemned. There are not cells enough.
How many	can prop- erly be accommo- dated.	100 This fic			80 A ve	4 4	4 4 F	4 4 F Z	4 4 E Z 401	4 4 E Z 401 M		
	For temales.	20	•		:					OR .	Ot .	ot i
No. of cells.	For male.	8	16		~				F & & & & & & & & & & & & & & & & & & &		ද ග කි හ අතම ග වා	F 10 10 40 10 10 10 10 10 10 10 10 10 10 10 10 10
Original	cost of jail, in- cluding additions.		\$:6,500 00		00 000'6	9,000 00	9,000 00 15,000 00 30,000 00	9,000 00 15,000 00 30,000 00 17,50 00	9,000 00 15,000 00 30,000 00 17,50 00 18,000 00 2,000 00	9,000 00 15,000 00 17,50 00 17,50 00 18,000 00 2,000 00	9,000 00 115,000 00 30,000 00 117,850 00 8,000 00 8,000 00 8,000 00 8,000 00 8,000 00	9,000 00 11,000 00 30,000 00 117,80 00 18,000 00 8,000 00 8,000 00 8,000 00
notto	Date of construc	1883	1591		1887	1886	1887 1886 1886	1886 1886 1896	1886 1886 1896 1960 1970 1970	1888 1886 1896 1801 1803 1803 1803 1803 1803 1803 1803	1888 1888 1886 1891 1871 1871 1871	1887 1888 1886 1981 11891 1170 1181 1181 1181 1181 1181 1181 118
	Material of which constructed.	Stone and iron	Stone and brick		Stone and brick	Stone and brick	Stone and brick Stone and brick Brick and wood	Stone and brick Stone and brick Brick and wood Erick and iron	Stone and brick  Stone and brick  Brick and iron  Wood.  Brick	Stone and brick  Stone and brick  Brick and wood  Prick and iron  Wood  Stone and iron	Stone and brick  Stone and brick  Erick and iron  Wood  Stone and iron  Stone and iron  Stone and iron	Stone and brick  Stone and brick  Brick and wood  Frick and iron  Wood  Brick  Stone and iron  Stone and brick
	COUNTIES.	Milwaukee	Мопгое									

### County Jails.

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	Stone and brick	1890	20,000 00	92	**	8	poor one and unsafe This is a model jail and one of the best in the state for
	poom	1881	8,500 00	•	:	8	the money expended.  Three steel cells for males and one wooden cell for
	Stone	1880	18,000 00	2	:	10	women. Answers the purposes. In a very unsanitary condition and unfit for use. Con-
Sheboygan 8	Stone and brick	1898	21,500 00	18	OH.	8	demned. Undoubtedly one of the best jails in the state. Venti-
Taylor. E	Brick.	1892	14,000 00 P,000 00	93 es		<b>4</b>	lating system perfect.  Good substantial coulding. Sewerage poor.  Not large but sufficient for the needs of the county. A
	Stone and brick	1880	6,000 00	œ		16	very serviceable jail.  A fair jail with separate apartments for females.
	Stone and brick	. 1875	10,000 00	=			Plans for a new jail approved by the board.  Altogether the jail is creditable to Walworth county.
Washburn	Wood	1888	4,500 00	ю		80	being as it is in every way superior to the average. Should be condemned as it is not safe nor suitable for a
							jail. No sewerage, Condempation proceedings postboned for the reason that the county funds are
Warhington	Stone and brick	1887	14,000 00	۰.	:	8	at present tied up. This is a very good jail, with steel case and cells.
Waupaca	Stone and brick	1867	10,000 00	22	:	81	Separate cell for women An old jall, Cell doors and windows very insecure.
Waushara	Brick	1883	2,000 00		:	10	Located on high greund. Not very secure and of small proportion. Females
:	Stone and brick	1859	00 000 00	82	:	\$	kept in cell on upper floor. This is a basement jail which should be condemned.
	Stone and iron	: 28 28 28 28 28 28 28 28 28 28 28 28 28	28,000 00	<b>6</b> 20	<b>01</b>	<b>e</b> 21	A basement jail with compara ively few prisoners.  Very complete. Large enough to accommodate all

### POLICE STATIONS.

Visited by the Board during the past biennial period.

Safeguards against fire.	Fireproof Force pump and hose. Hydrant and hose. Hose. Hydrant near. Hydrant near. Fire engine. Fire engine. None. Rogiue house. None. Rogiue house. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. Fire company. None. None. None. Righten house. Fire company. None. Rogiue house. Fire company. None. None. Rogiue house. Fire company. None. Rogiue house. Fire company. None. Rogiue house. Fire company. None. Rogiue house. Fire company. None. Rogiue house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen house. Richthen h
How ventilated.	Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows Windows
Capa- city. How heated.	SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SECOVO SE
Capa- city.	
Size of outer room.	None 20 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x
Size of each cell (feet).	6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
No. of cells.	<u>ରେଖନ୍ୟ ପ୍ରଥଣ ପ୍ରଥୟ ଅଧିକ କଳିକ ଅଟିକ କଳିକ କଳିକ କଳିକ କଳିକ କଳିକ କଳିକ କଳିକ କ</u>
Date Cost when including con-struct'd additions	\$ 388 5 2 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Date when con- struct'd	1882 1882 1882 1883 1883 1883 1883 1883
Name of place. Raterial of which constructed.	Brick Wood Stone Wood Bruck and wood Wood Wood Wood Brick Wood Brick Wood Brick and stone. Brick and stone. Brick and stone. Brick and stone. Brick and stone. Brick and stone. Brick and stone. Wood Wood Wood Wood Wood Wood Wood Woo
Name of place.	Ahnaspee Ahuligo Ashland Anuligo Anlbany Anplieton Arcadia Autourata Autourata Autourata Autourata Autourata Autourata Baldwin Bartilio Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo Baraboo

### Police Stations.

None	:	:	:	_	_	Mone	Mon	Fire company	None	None	Mone	None.	None	Theire house	Fire engine	None	Engine pouse		City water	City water	None.	Fire department.	None.	-		_	_	_	_	Engine nouse.	_	:	_	_	_	_	Fire department.	None.	Engine house.	None.	None.	None.	None.	Fire department.	Fire department.
Windows	_	_	Windows	Windows	Short.	Shafe	Ventilator	Windows	_			_	Windows	-	None	Windows	Windows		Windows	Windows	Windows	_	_	_	Windows	. Windows	_	_		Windows		_	_	. Ventilator	. Windows	. Windows	Windows	_	. Windows	_	_	_	Windows	Flues	. Windows
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			6x8 8x13		_					_:			6x9		:	0x6 6x9		_	6x9	6x9	6x9 5x13						SIXE		6x8 19x12	6x8 5x18														AZZA DIZZ	
80 00	80 00	20 00	8 93	8	00 00	100 001	8	20 00	28 00	200 00	820 00	90 00	800	00 000	<b>O</b>	80 00	8 8 8		-co	8 89	8.0 00	            	00 00		8		88	38	38	800		130 00	00 00	8000	8 9 9	20 001		129 00	-	99	180 00	000	0000	000	30.00
. 1884	1886	_	_	_	1888	_	_	_		_	_	888	_	_	38	98 22 :	1888		187	28	1879	200	_	28	28	1978	2001	1933	180		1800	1883	1875	1868	200	.:	- :	:	1882		1882		282		1887
Wood	Wood.	Wood.	Wood.	Brick	Wood.	Wood	Stone.	Brick	Wood.	Wood	Wood	Wood	Wood and atone.	Brick	Brick	Wood.	Brick		Wood and stone	Brick	Mood	Stone and wood	Wood	Wood	Wood and fron	W000	Brick	Wood.	Wood	•			Wood	Hewn timber	Wood	Wood	Stone and Iron	Wood.	Stone and iron.	Stone and wood	W000	Wood	Wood	Wood	Stone
Olear Lake	Ollaton	Clintonville	Colby	Columbus	Com'nwealh	Cumberland	Oedarburg	Ondotte	Cambria	Chelses	Camp Douglas.	Cambridge	Deerfield	Delavan	Depere	Eagle River	Edgerton	Eau Claire:	East	West	Elroy	Evansville	Fairchild	Fennimore	Fifleld	Ft. Aikinson	Fountain City.	Florence	For Lake	Ft. Howard	Galesville	Glidden	Grand Rapids.	Grantsburg	Gratiot	Gile	Green Bay	Hammond	Hayward	Highland	Hillsboro	Horicon	Hortonville	Huriey	Harriord

# POLICE STATIONS—Continued.

		_
Safeguards against fire.	None.  None. Engine house. In engine house. Fireproof. Fireproof. None. City water. None. None. None. None. None. None. None. None. None. None. None. None. None. None. Righte house adjacent. None. Rogine house adjacent. None. Righte house adjacent. None. Righte house adjacent. None. Righte house adjacent. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. Rieproof. Fireproof.	.   Watchman.
Capa- How heated. How ventilated.		60; Steam   Direct
How heated.	Stove Stove Stove Stove Stoan Steam Steam Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove	Steam
Capa- city.		8
Size of outer room.	7 27 1 15 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6x8 Cor dor
Size of each cell (feet)	048 747 747 747 747 747 747 747 747 747 7	6x8
No. of cells.		<b>8</b>
Date Cost when including con- struct'd additions	25.00 00 00 00 00 00 00 00 00 00 00 00 00	1891 86,000 00;
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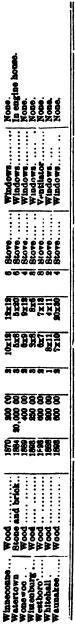
Police Stations.

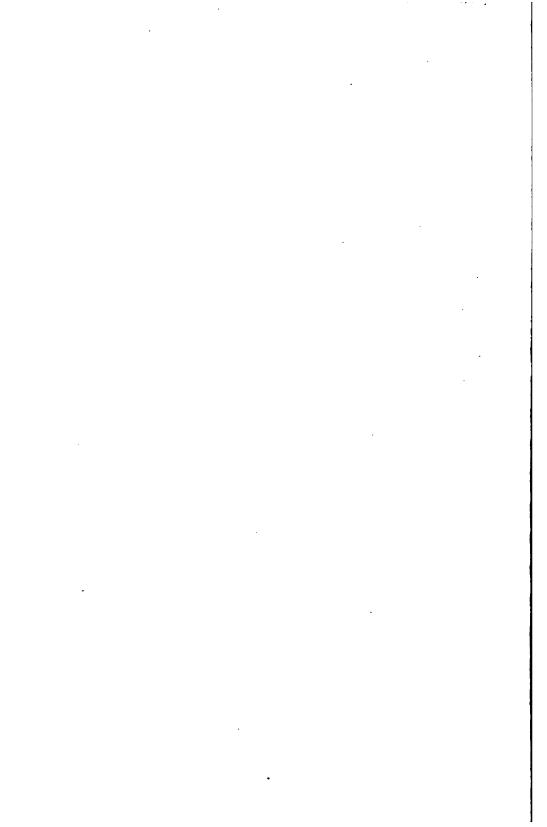
Milwankee .	•	•							•		•
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Maiden Rook	Wood	700	8 2 2 2	38	1 4 G	- 9	07 00 70		Orden.	Onenthe	
Mason.	Wood	7	_	38	7 C	o o		- :	9x9x8.	Windows	
Morre	Wood	300	_	38	1041	-	19-18	0.000	0,000	Windswa	
Mineral Point*	Stone			3	-	. =	_	_	0000	Windows	_
Minocqua	Wood	1888	_	:8	- S	:	None	200	Stove.	Windows	_
Mondovi	Wood				77		3x.0	Stove		Windows.	_
Monloo	Wood	1887	2	3			11x12	Stove	Stove.	Windows	None.
Mauston	Stone	:		8	1 18x21		SE24	Stove	:	Windows	
New Glarus	Wood and stone	1886		8	_	:	-	None.	None.	Windows	_
Neenah	Brick and stone	1881		8			10x20	Stove	Stove	Windows	_
Neoedah	Wood and stone	1887		8		_	0xx0	Furnace	8	Windows	_
Neillsville.		1860	•	-:	8x		18x16	Stove	:	Wind ws	
New Richm'nd		1893		8				2 Steam	Steam	Windows	_
New London		3			4 7x				:	Windows	_
New Lisbon		1875	1,800	8			10410	Stove	:	Windows	
Oconomowoc	Brick	3		8	_	94 90	1 x x x 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Stove.	Stove	Windows	_
Oshkosh	Stone and fron	:		8	_	80	dor	Steam	Steam	Shafts	. Fireproof.
Ogema	Wood	1885	_	8		<del>2</del>	3x 20	Stove.	:	Windows	
Omro	Wood	186 886		8	<u>8</u>	<u> </u>	6x10	Stove	Stove	Windows	_
Poynette	Wood	1895		8	_	2	5x18	Btove	-	Windows	_
Pardeeville	Planks	1892			25 25	90	8x1%	Stove	Stove	Windows	_
Palmyra	Wood	1873		8	1021		опе	Stove	Stove	Windows	,
Pence	Wood	188			×.		6x14	Stove	Stove	Windows	_
Pelican Lake	Mood	1 87			- Sz		0x14	Stove.	:	Windows	None.
Pewaukee	Wood	88			27		3x50	Stove.	:	Windows	_
Pittaville	Wood	1885		88	× .		NX.	Stove.	:	Windows	. River adjacent.
Plainfield	Wood	200	2		<b>4</b>				Stove	Windows	_
Platteville	Stone and brick.		38				00 x 10		:	Windows	None.
Posts (20	Wood	7807	35	38				0000	:	Windows	None
Dotosi	Wood		32	38					:	Windows	STORY .
Drantfoa	Wood	1887		88	_	<u>:</u>			:	Windows	None.
Prescott	Wood	188		8					Stove	Windows	None.
Princeton	end.	1890		8	2 7x9		5x14			Windows.	_
Plymouth	Stone and Iron	1887	_	8					Stove	Windows	_
Randolph	Wood	1893	_	8		:			:	Windows	_
Reedsburg	Brick and stone	1888	_	8					:	Windows	_
Reeds ville	Wood	200	_	88			6x9		-	Windows	
Rhinelander	Stone	200	G-F	3						Ventilators	_
Rio	Wood	20.3	28	38	N O		OX14		Stove	Windows	None.
Rice Lake	W cod	1001	_	38					Drove	Windows	i house.
River Falls	:	1878	_	38					:	Windows	Destroyed by fire in May. '94
Richland C'ter	Wood			8						Air holes	
Saxon		1883	_	8	8 5x		1x16] (	Stove	-	W.mdows	. None.

# POLICE STATIONS-Continued.

Safeguards against fire.	In engine house. None. None. None. None. None. None. Pire department. None. In engine house. In engine house. In engine house. None.		None. None. In engine house. Fire department. None. Water works.
How ventilated.	Windows Windows Windows Windows Windows Windows Windows Windows Windows Hole in roof Windows		Windows. Windows. Windows. Windows.
Size of Size of Capa. How heated.	Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Stov Stov Stove Stove Stove Stov Stove Stove Stove Stove Stove Stove Stove Stove Stove Stove Sto		
Capa-	400		******
Size of outer room.	12x 80 12x 80 10x 13 10x 13 8x 13 10x 14 10x 14 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x 16 10x	15x21 20x24 7x14 17x26 17x26 5x16 6x12 12x13 12x13 12x13 6x1 6x2	
Size of each cell (feet).	9x9 9x9 9x13 9x6 9x6 9x8 9x8 9x10 1x8 7x8	8x8 	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
No. of cells	01 = 0 31 = 0 01 00 01 = - 01 01 00 00	444 8 8888 - 8884 4 4	S S S S S S S S S S S S S S S S S S S
Date Cost increments con- struc'd additions	86.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.0000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000 90.000	1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,	89 88 88 88 88 88 88
Date when con- struc'd	1880 1880 1880 1880 1880 1870 1876	1875 1880 1875 1880 1880 1880 1878 1878 1877 1877 1887	1679 1878 1878
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Name of place.	Schleising ville Schmour Bhawano Shoboygan Sharon So Superior Shullsburg Sparra Sparra Sun Fraire Sun Fraire Sauk City Saling Green St. Croix Falls	No. 1 No. 2 Sturgeon Bay. Stoughton. Tomahawk. Thore Lakes Thrife Lake. Trempeateau. Trempeateau. Two Rivers Upson. Washburn. Washburn.	Waterloo Wauzeka West DePere West Superior Weyauwega

### Police Stations.





### SIXTH BIENNIAL REPORT

OF THE

### COMMISSIONER

OF

### Labor, Sensus M Industrial Statistics

OF WISCONSIN.

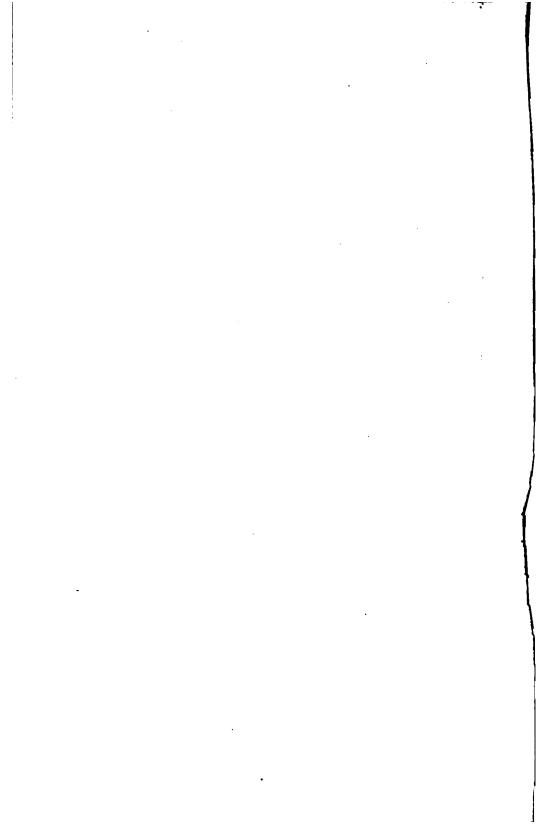
1893-94.

### J. DOBBS, Commissioner.

F. M. DYER, .				•	•	Deputy Commissioner.
MAX A. BLUMENE	ELD,		•	•	•	Clerk.
JOHN W. ZWASKA	, .			•	•	Factory Inspector.
S. L. VAN ETTEN,				•	•	Assistant Inspector.



MADISON, WISCONSIN:
DEMOCRAT PRINTING COMPANY, STATE_PRINTER.
1804



### SIXTH BIENNIAL REPORT

OF THE

### COMMISSIONER

OF

### Labor, Census M Industrial Statistics

OF WISCONSIN.

1893-94.

### J. DOBBS, Commissioner.

F. M. DYER, .			•	•	•	Deputy Commissioner.
MAX A. BLUMENFE	LD,					Clerk.
JOHN W. ZWASKA,				•	•	Factory Inspector.
S. L. VAN ETTEN,		•		•	•	Assistant Inspector.



MADISON, WISCONSIN:
DEMOCRAT PRINTING COMPANY, STATE_PRINTER.
1894.

### LETTER OF TRANSMITTAL.

Bureau of Labor, Census and Industrial Statistics,

Madison, Wis., September 30th, 1894.

To His Excellency, Hon. GEO. W. PECK,

Governor of Wiscousin:

DEAR SIR-I have the honor to present to you herewith the Sixth Biennial Report of this Bureau, as required by the laws of the State of Wisconsin.

Respectfully,

J. DOBBS,

Commissioner.

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### INTRODUCTION.

### Report of the Commissioner of Bureau of Labor, Census and Industrial Statistics.

The Commissioner hereby presents and submits to the Governor and the people of the State of Wisconsin the Sixth Biennial Report. Upon an examination of the different tables of this report it will be observed that the per capita wages for the last two years do not vary much from the per capita wages of two years ago.

A large sum has been expended in this state for new machinery and large improvements have been made upon the buildings of old plants, and many new plants have been started up in our state.

This report represents about the same per cent. of the total number of workingmen in this state as my previous report represents.

### THE WORK OF THE BUREAU.

Especially the work of the Bureau is increasing along the lines of increased population and enlarged development of material resources.

### NEW LAWS.

At the Fortieth Session of the Legislature the following Acts were passed:

### LABOR OF CHILDREN.

SECTION 1. (Chapter 109, laws of 1891.) No child under fourteen years of age shall be employed at labor or service in any mine, factory, workshop or place of public entertainment or amusement, in this state, except upon permit as hereinafter provided; but nothing herein shall interfere with or prohibit the employment of such child in the service of its parent outside of school hours.

SECTION 2. The county judge of the county whereig any child resides, may by order of record, grant a permit and deliver a copy thereof under seal, to any child over twelve years of age exempting such child from the operation of this act as to employment. Every such permit shall specify the conditions and time during which such child may be employed fixing such limitations as to said judge shall seem proper; and in determining whether such permit shall be granted, the said county judge shall consider the moral and physical condition of the child, his state of education, the necessities of the family to which such child belongs, and such other circumstances as in the discretion of the judge ought to effect the question of exemption. No charge or fee shall be required in any matter under this

ten miles from the county seat, the power to grant permits herein conferred upon the county judge may, under the same limitations and with the same conditions be exercised by the mayor of the city or the president of the incorporated village in which or nearest to which said child or its parent reside.

SECTION 3. Any person, company, firm or corporation that employs or permits to be employed at work any child in violation of the foregoing provisions of this act, and any parent or other person having the control of any such child who permits such employment shall on conviction, be punished by a fine of not less than ten nor more than fifty dollars. Nothing herein shall be construed to interfere with the district attorney of any county presenting violations of this act.

SECTION 4. It shall be the duty of the commissioner of the bureau of labor, census and industrial statistics, the factory inspector and the deputy or deputies of said bureau to enforce the provisions of this act and to prosecute all violations thereof before any magistrate or any court of competent jurisdiction.

### To Prevent Accidents to Employes.

Section 1. (Chapter 226, laws of 1891.) In every manufacturing establishment where the machinery used is propelled by steam power, communication shall be provided between each room where such machinery is placed and the room where the engineer is stationed, by means of speaking tubes or electric bells; provided, that in the judgment of the inspectors such communication is necessary.

SECTION 2. The factory inspectors shall enforce the provisions of this act, and any person, firm or corporation, being the occupant of any manufacturing establishment, or controlling the use of any building or room where machinery prop lied by steam is used, violating the provisions of this act, shall be fined, not less than ten nor more than fifty dollars; but no prosecution shall be made for such violation, until thirty days after written notice by an inspector has been sent by mail to such person, firm or coporatios, of any changes necessary to be made to comply with the provisions of this act, nor then, if in the meantime, such changes have been made in accordance with such notification.

SECTION 8. This act shall take effect and be in force from and after the date of its passage and publication.

A study of the Orders Issued by the Factory Inspectors will indicate the direction in which not a small part of the work of this Department lies. And it is confidently believed that no one part of the work is more directly beneficial to workingmen than is the part embraced under the head "Orders Issued."

The Sixth Report embraces the years 1893, and 1894.

### INSPECTIONS.

The Inspectors John W. Zwaska, of Milwaukee and Semi L. Van Etten of La Crosse, visited and made special reports of 1989 factories; the same are now on file in this Bureau, the miscellaneous inspections, such as hotels, churches, schools, colleges, assembly and public halls, hospitals and such other buildings as came within the law, in the aggregate were 286.

The work of inspection was entered upon about the 1st of March, 1893, ending about the last of May, 1894.

The report of the inspectors is explicit and full of statistical interest, containing a minute description of the manufacturing plants in this state,

the number of employes, both male and female, also total horse power, both steam and water, number of stationary engines, boilers and kind of elevators in use. The inspectors have also made the usual record of accidents occurring in the different factories.

It will be observed by an examination of this report that there were 102,325 employes in the different factories, as reported to this Bureau, and that they received \$41,623,199 for their labor, which by an examination and comparison with the Fifth Report shows a material increase both as to men and money.

### INDIVIDUAL STATISTICS.

The artisan classes have taken great interest in the Bureau as will more fully appear by the Index to Correspondents.

The reports from individual workmen are made out and returned to this office without hesitancy on their part, their remarks and trade notes as appear under the proper heading is evidence of their hearty co-operation with this department. We are convinced the Bureau gained the confidence of the workmen in the different industries by prompt and courte-ous correspondence, distribution of the laws, and by the circulation of the reports.

The employers manifest a readiness to furnish required information sought by the Bureau.

While the Report exhibits the industries of this state it also contains some interesting comparisons between this and other states as to wages and also between the wage-rates prevailing in different states.

No greater testimony to the value of the Reports of this department can be adduced than that furnished by a glance at the list showing the widespread demand for and distribution of them.

The Commissioner returns thanks to all persons who have in any way contributed to the data from which this report has been prepared.

J. DOBBS, Commissioner.

### CORRECTIONS.

On page 4a, for "Frost Veneer Seating C).," read Frost's Veneer Seating Co."
On page 6a, "Atlas Paper Co., Paper Mills," for "male employes" read "55;" for "female employes" read "18," for "total employes" read "75."
On page 11a, for "R. Conner Co., The," read "R. Connor Co., The,"
On page 17a, "Fairbanks, Morse & Co.," should appear on page 16a, following "Eureka Steam Laundry."
On page 39a, for "Anuenn J. P. Candy Co.," read "Annen J. P. Candy Co."
On page 47a, for "Throughgood & Co." read "Thoroughgood & Co."
On page 7p, under "GAS LIGHT," total "number of persons receiving specified wages, 397," should read "497."
On page 89a, for "Deugenther Steam Laundry Co., The," read "DeGuenther Steam Laundry."
On page 89a, for "Goerrea Phillips Rawad Works"

On page 89a, for "Goerres, Phillipp, Barrel Works," read "Goerres, Philip, Barrel Works."

Works." On page 11%s, for "Stillmam, E. R. & Co.," read "Stillman, E. R. & Co.," On page 115a, "Wiener E.," should follow "Wetzel A., & Bros.," page 116a. On page 16%s, for "Seperior Wave, The" read "Superior Wave, The." On page 176s, for "Castalia Bottling Wolks," read Castalia Bottling Works." On page 176a, for "Eggebracht & Hamann.," read "Eggebrecht & Hamann."

### CHAPTER I.

### THE BUILDING TRADES.

### STATISTICS OF WAGES, ETC.

The Statistics of the Building Trades embraced in the following pages are based upon the written answers of workmen; reports of secretaries of Master Builders' Association; and personal inquiry by officers of the Bureau.

The plan of investigation is with minor changes the same as that pursued in this part of the work in preparing the Fourth and Fifth Biennial Reports. The reason for pursuing the plan followed heretofore is obvious, as statistical results to be of value must extend over a period of time, thus securing data for analysis, classification and comparison.

The following INSTRUCTIONS and accompanying sample showing how to proceed were mailed to workmen and master builders and upon replies received this chapter of the report is based.

### INSTRUCTIONS.

This blank is the property of the state and should be returned, properly filled out in detail before the first day of February, 1894, in the envelope enclosed, to J. Dobbs, Commissioner, Madison, Wis., in accordance with the provisions of Chapter 247, Laws of 1885.

The blank should, as nearly as possible, be filled out in the manner and style as printed in the "Sample Report" on second page of this letter, plainly stating the trade, subdivision of the trade, or the class of labor of each workman.

The word "laborer" should only be used in case a certain workman in not regularly employed at any distinct branch of work. If he be a hod-carrier, mortar-maker, or digger, the fact should be stated.

In addition to the former statistical questions, a few questions are given on the fourth page of this letter, answers to which are expected, in order to make the Sixth Report of the Bureau valuable historically as well as statistically. Fill out only such of them upon which you have information, or a decided opinion.

If there be a way to improve the present condition of the apprentice in any of the building trades, the Bureau would like to receive your suggestions. If there are conditions

connected with the trades which work damage to contractors, in reference to our present lien laws, or the absence of the uniformity of contract, or the relations between employers and their workmen, or the relations between the architect and the contractor, such remarks will receive close attention and be published, properly classified under their respective headings. A separate sheet of paper should be used if you desire to write at length upon any subject.

Respectfully,

J. Dobbs,

Commissioner.

F. M. DYER.

Deputy Commissioner.

Copy of report will be sent you.

We hereby certify that the following Report to the Bureau of Labor, Census and Industrial Statistics of Wisconsin is a correct statement of the wages paid to, and the number of hours worked for us, by each of the workmen named, during the year 189..., to the best of our knowledge and belief.

Signature.....

SAMPLE, SHOWING HOW TO FILL OUT THIRD PAGE.

		Total wages	Total number of hours	RATE OF PAID PE	Wages ir hour.
Name of Woreman	TRADE OR OCCUPATION.	paid him in 1898.	worked by him in 1893.	In sum mer.	In win- ter.
William Mueller	Stone Mason	\$586 40	1,466	Cents.	Cents.
Thos. Jones	Bricklayer	£02 50	1,840	8714	873-6
Frank Brown	Hod-carrier	850 00	2,060	1714	1734
John James	Carpenter	335 00	1,444	2214	2234
Peter Holmes	Painter	600 00	300 00	20	20
Elijah Johnson	Stone Cutter	700 12	1,667	873%	3734
Fritz Kroeger	Plasterer	465 22	1,551	80	30
Geo. Bischoff	Lather	362 20	1,811	20	20
Wm. Amundson	Paperhanger	525 80	2,286	23	23
C. D. Bartlett	Tinsmith	445 90	2, 225	20	20
Patrick Haley	Plumber	720 15	2,057	25	85
Johnnie Wicks	Plumber's Helper	310 <b>00</b>	8, 100	10	10
Christ. Behrends	Slate Roofer	560 00	2,240	25	25
Albert Gross	Composition Roofer .	350 00	1,750	2014	2034
Cornelius Tack	Well Digger	225 00	1,500	15	15
Wm. Arnolds	Awning-maker	845 00	1,725	20	20
John Schmidt	Laborer	840 00	2, 260	15	15
Freddie Bird	Apprentice	180 00	8, 100	41/6	4
Fritz Schulz	Teamster	350 00	2,260	1514	1534
Richard Burke	Foreman	1,250 10	2,778	45	45

### COMMISSIONER OF LABOR STATISTICS.

1)	Total amount of wages paid during the year 1893, \$
(2)	Amount of wages paid for labor in month of
	January May September
	February June October
	March July November
	April August December
3)	How many of your workmen commenced as apprentices with you?
<b>(4)</b>	How many apprentices have you employed in 1898?
5)	Have you any system or rule of promotion of apprentices? If so, w hat are their
	earnings during the first year ?; second year?
	third year? fourth year?
(6)	Is it true that the best workmen in the building trades are those who served as ap
	prentices in Europe?
<b>(7)</b>	Do you experience any trouble in hiring first-class workmen? If so,
	why?
(8)	Do you find that the best workmen, as a rule, are those who commenced learning their
•	trade before their eighteenth year?
<b>(9)</b>	Hours of labor, Summer Winter
(10)	If any strike has occured among the workmen in your employ in 1898, please give particulars.
•,•	
(11)	) Have any accidents occured to workmen in your employ during 1898?
	Please give particulars
(12)	Please state manner of payment of wages
••••	
••••	•••••••••••••••••••••••••••••••••••••••

Following the tables of Wisconsin statistics will be found very valuable data derived from secretaries of building associations in 29 cities of the United States. This information came in response to blanks sent to the parties whose names are appended to each report and of which the following is a copy.

### REPORT.

Of the standard wages paid per hour to sk	illed workmen in 1893, in the several branches
of the building trade of the city of	State of
Reported by	to J. Dobbs, Commissioner of Labor, Census
and Industrial Statistics of Wisconsin.	

	Hours of labor Per Day.		Wages Per Hour.	
Classification of Mechanics.	In summer.	In winter.	In summer.	In winter.
			Cents.	Cents.
Stone masons			 	
PlasterersLathers				
Hod carriers				• • • • • • • • • • • • • • • • • • • •
Carpenters—				
Rough Regular				· · · · · · · · · · · · · · · · · · ·
Finishers				•••••••
Stone cutters,				•••• •••••••
House painters (general)		1		••••••
Fresco				••••
Paper hangers.				
Decorators. Plumbers.				
Steam fitters				
Helpers	1			•••••••
Tinsmiths (general)	ł	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •
Slate Composition				
Gravel	11			• • • • • • • • • • • • • • • • • • •
Diggers				• • • · • • • • • • • • • • • • • • • •
***************************************				•••••
***************************************				· · · · · · · · · · · · · · · · · · ·

To those who have by their responses to demands made upon their time and care made this part of the report valuable, the commissioner acknowledges indebtedness.

### TRADE NOTES.

### CARPENTERS.

Replies to the questions: (a) How many of your workmen commenced as apprentices with your (b) How many apprentices have you employed in 1893?

Graf & Netcher, Baraboo-(a) Two. (b) One.

J. S. Collingwood, Barron-(a) One.

Vandersant & Salisbury, Burlington-(a) One. (b) One.

Hargraves & Phifer, Edgerton—(a) One. (b) One.

Frank Holden, Elroy-(a) One. (b) One.

Adolph Green, Green Bay-(a) One.

J. I. Van Vranken, Janesville-(a) Four.

John Hunzicker, Lake Mills-(a) Six. (b) Five.

Robert Dunlap, Merrillan-(a) One.

Eugene F. Carter, Milwaukee-(a) One. (b) One.

Guetzkow Bros., Milwaukee-(b) One.

C. H. Rische & Sons, Milwaukee-(b) Three.

John Roeder & Son, Milwaukee—(a) Four. (b) One.

Aug. M G. Neumann, Milwaukee-(b) One.

E. M. Stevens, Neillsville-(a) One.

F. G. Root, Omro—(a) All. (b) Five.

Henry M. Jones, Oshkosh-(a) Two. (b) One.

Mertz Bros., Oshkosh—(a) Five. (b) Three.

Rhyner & Kitz, Oshkosh-(a) Three.

Joseph Webster. Oshkosh-(a) One.

Zenry Kleinhammer, Platteville—(a) Two. (b) One.

Reedsburg Building & Lumber Co.—(a) Two. (b) One.

Burnett & Edsall, River Falls-(a) One. (b) One.

The J. Bukholt Mfg. Co., Stevens Point—(a) Nine. (b) Four.

G. Cnare, Waterloo—(a) Three. (b) One.

### BRICKLAYERS, PLASTERERS, STONE MASONS.

Replies to the questions: (a) How many of your workmen commenced as apprentices with your (b) How many apprentices have you employed in 1898?

Lieberg & Wulf, Ahnapee-(a) One. (b) One.

Dallman & Mottel, Antigo--(b) One.

John Hackworthy, Appleton—(a) One. (b) Two.

August Knueppel, Appleton-(a) Twelve. (b) Twelve.

J. O. Henderson, Edgerton—(a) One. (b) One.

. Edward Henkelman, Green Bay-(a) One. (b) One.

J. H. Tully, Kenosha - (a) Eight. (b) Two.

John W. Klick & Son, La Crosse--(a) One.

S. S. Booth, Portage—(a) One. (b) One.

C. G. Knowles, River Falls-(a) One.

J. M. Thompson, Waupun—(a) One. (b) One.

### PAINTERS AND DECORATORS.

Replies to the questions: (a) How many of your workingmen commenced as apprentices with you? (b) How many apprentices have you employed in 1893?

William Scheer, Appleton-(b) One.

R. B. Duncan, Chippewa Falls-(a) One. (b) One.

A. O. Martin, De Pere-(a) One.

J. Thomsen, Fond du Lac-(b) Two.

E. J. Kent & Co., Janesville--(a) Four. (b) One.

Emil Hanske, Kiel-(a) Two. (b) Two.

William Borngraber, Mayville-(a) Two. (b) One.

Noerenberg & Mohns, Milwaukee-(b) Two.

Ferd. Schmidt, Milwaukee-(a) One.

Chas. E. Herrick, Neenah-(a) One. (b) One.

Sylvester Allen, Omro—(a) One. (b) One.

Henry Malkowsky, Oshkosh-(a) One.

Chadbourne & Co, Ripon--(a) Two. (b) One.

Theo. Dobbratz, Watertown--(a) Three.

Chas. Krebs, Watertown--(a) Two. (b) One.

Wm. C. Raue, Watertown—(a) Six. (b) Two.

H. A. Propp, Wauwatosa-(a) One. (b) One.

### PLUMBERS AND GAS FITTERS.

Replies to the questions: (a) How many of your workmen commenced as apprentices with you? (b) How many apprentices have you employed in 1893?

W. S. Patterson & Co., Appleton—(a) Four. (b) Six.

N. O. Swift, Chippewa Falls-(a) One.

J. P. Fox, Eau Claire—(a) One. (b) Two.

Thomas & Anheuser, Green Bay-(a) One. (b) One.

McVicar Bros., Janesville--(a) Four. (b) Six.

R. C. Yeomans, Janesville-(b) One.

Burr Bros., Kenosha-(a) One. (b) Two.

Geo. J. Egge, La Crosse-(b) Two.

E. C. Mason, Madison—(a) Twelve. (b) Five.

Louis Sountag. Sheboygan-(a) Two. (b) Three.

Burnett & Son, Superior-(a) One. (b) Two.

D. & F. Kusel, Watertown—(a) Two. (b) Two.

Thomas F. Delaney, Wausau-(a) Three. (b) Two.

### MARBLE, GRANITE, STONE WORKS.

Replies to the questions: (a) How many of your workmen commenced as apprentices with you? (b) How many apprentices have you employed in 1898?

A. Jenes, Appleton.—(a) Ten in fourteen years. (b) Four.

Baraboo Paving & Roofing Works.—(a) Six.

Lohr & Weifenbach, Milwaukee. -(a) Six. (b) Six.

J. P. Jensen, Neenah.—(a) One. (b) One.

Watertown Stone Co.—(a) Two. (b) Two.

### TINSMITHS, HARDWARE AND SHEET-IRON WORKERS.

Replies to the questions; (a) How many of your workmen commenced as apprentices with you? (b) How many apprentices have you employed in 1893?

Cornelius Pratsch & Co., Oshkosh.—(a) Two. (b) Two.

C. Brouillet, Sparta.—(a) Two. (b) One.

Howell & Blakeslee, Sparta.—(a) One. (b) One.

E. R. Honerjaeger, Watertown.—(a) One. (b) One.

*D. & F. Kusel, Watertown.—(a) Two. (b) Two.

Thomas F. Delaney, Wausau.—(b) One.

Bump & Bossingham, Wauwatosa.—(a) Two. (b) Two.

^{*}Note.—We have taught the sheet-metal trade to about twenty boys during our time of business, and find that boys of 15 or 16 years of age make the best mechanics. All of the boys served fully three years with us and they have all turned out to be first-class mechanics. We frequently hear of some of them, and they are all doing well, the most of them earn from \$2 to \$3 per day.

#### CARPENTERS.

Replies to the questions: (a) Have you any system or rule of promotion of apprentices? (b) If so, what are their earnings during the first year? The second year? The third year? The fourth year?

Graf & Netcher, Baraboo—(b) First year \$18 per month. Second year \$25 per month. Third year \$30 per month.

Brillion Lumber & Mfg. Co., Brillion—(b) First year from \$18 to \$20 per month. Second year \$17 to \$26 per month.

Vandersant & Salisbury, Burlington—(b) First year \$125 per year. Second year \$150 per year. Third year \$200 per year.

Joseph Demeroe, Centralia — "First year I give them all \$1 per day and board; the second year \$1.25 per day and board; the third year \$2 per day; the fourth year \$2.25 to \$2.50 per day, depending altogether upon how quickly they learn the trade.

Hargraves & Phifer, Edgerton—"First year \$1 per day; then raise wages according to improvement.

Adolph Green, Green Bay - "No rules for apprentices."

John Hunzicker, Lake Mills -- First year \$1 per day; the second year \$1.50 per day; the third year \$1.75 per day; the fourth year \$2 per day.

C. H. Rische & Sons, Milwaukee — First year 12½ cents per hour; the second year 15 cents per hour; the third year 20 cents per hour.

John Roeder, Milwaukee — First year \$5 per week; the second year \$9 per week; the third year \$12 per week.

F. G. Root, Omro — First year \$125; the second year \$150; the third year \$175.

Mertz Bros., Oshkosh — First year 10 cents per hour; the second year 18 cents per hour; the third year 15 cents per hour; the fourth year 20 cents per hour.

Rhyner & Kitz, Oshkosh — First year \$125 to \$150; the second year \$150 to \$175; the third year \$175 to \$200; the fourth year \$225.

Henry Kleinhammer, Platteville—(a) I pay them according to their ability.

Burnett & Edsall, River Falls — First year \$1.25 per day; depends wholly upon quality and advancement.

J. Bukholt Mfg. Co., Stevens Point — First year 50 cents per day; the second year \$1 per day; the third year \$1.50 per day; the fourth year \$1.75 per day.

#### BRICKLAYERS, PLASTERERS, STONE MASONS.

Replies to the questions: (a) Have you any system or rule of promotion of apprentices? (b) If so what are their earnings during the first year? The second year? The third year? The fourth year?

Lieberg & Wulf, Ahnapee—(b) First year \$20 and board; the second year \$40 and board; the third year \$90 and board.

Dallman & Mottel, Antigo—First year 75 cents per day; the second year \$1 to \$1.25 per day; the third year \$1.50 to \$1.75; the fourth year \$2 per day.

John Hackworthy, Appleton—First year \$1.25 per day; the second year \$1.50 per day; the third year \$2 per day; the fourth year full wages.

August Knuppel, Appleton—First year \$1.25 per day; the second year \$2 per day; the third year \$2.75 per day; the fourth year \$3.25 per day.

- R. M. Turner, Beloit—First year \$1 per day: the second year \$2 per day; the third year \$3 per day; the fourth year full pay.
- M. A. Bass, Chilton—(b) First year, \$1.50 per day; the second year \$2 per day; the third year \$2.50 per day; the fourth year \$3 per day.
- J. O. Henderson, Edgerton—(b) First year \$1.25 per day; the second year \$1.50 per day; the third year \$1.75 per day; the fourth year \$2.25 per day.

Edward Henkelmann, Green Bay—(b) First year \$1.50 per day; the second year \$2.50 per day; the third year \$3 per day; the fourth year \$5 per day.

J. H. Tully, Kenosha—(b) First year \$1.50 per day; the second year \$2 per day; the third year \$3 per day; the fourth year \$3.50 per day. The apprentice in all trades has a hard time in many cities and towns because of the labor unions and their by laws. I had to discharge one last summer because the union would allow only one at a time to be employed, one every six months.

John W. Klick & Son, La Crosse—(b) First year 50 cents per day: the second year \$1.25 per day; the third year \$2.80 per day; the fourth year \$3 per day.

Joseph F. Boehm, Milwaukee—First year 12 cents per hour; the second year 19 cents per hour; the third year 25 cents per hour.

- S. S. Booth, Portage—First year \$1.50 per day; the second year \$2 per day; the third year \$2 per day; the fourth year \$2.50 per day.
- J. M. Thompson, Waupun—(b) First year \$1 per day; the second year \$1.50 per day; the third year \$2 per day; the fourth year \$3 per day.

#### PAINTERS, DECORATORS.

Replies to the questions: (a) Have you any system or rule of promotion of apprentices? (b) If so, what are their earnings during the first year? The second year? The third year? The fourth year?

- R. B. Fleming, Baraboo—First year \$125; the second year \$175; the third year \$225; the fourth year \$350.
- R. B. Duncan, Chippewa Falls—(b) The first year \$72; the second year \$144; the third year \$216; the fourth year \$288. We do not work them in the winter season.
- J. Thomsen, Fond du Lac—First year \$75; the second year \$125; the third year \$200; the fourth year \$300.

Emil Hanske, Kiel—First year \$10 per month; the second year \$12 per month.

William Borngraber. Mayville—(b) First year 10 cents per hour; the second year 15 cents per hour; the third year 20 cents per hour; the fourth year 20 cents per hour.

Noerenberg & Mohns, Milwaukee--(b) First year \$300; the second year \$400; the third year \$600.

Chas. E. Herrick, Neenah—(b) First year \$50; the second year \$100; the third year \$150.

Ed. Hill, Shawano—First year \$75; the second year \$125; the third year \$175; the fourth year \$200.

Theo. Dobbratz, Watertown—First year \$140; the second year \$275; the third year \$400; the fourth year \$600.

Chas. Krebs, Watertown—First year \$163.80; the second year \$284; the third year \$292.25; the fourth year \$351.

#### PLUMBERS, GAS FITTERS.

Replies to the questions: (a) Have you any system or rule of promotion of apprentices? (b) If so what are their earnings during the first year? The second year? The third year? The fourth year?

- W. S. Patterson, Appleton—(b) First year \$125, the second year \$175, the third year \$360, the fourth year \$600.
- J. P. Fox, Eau Claire—(b) First year \$156, the second year \$208, the third year \$260, the fourth year \$624.

McVicar Bros., Janesville—(b) \$3 to \$4 per week; the second year \$6 per week; the third year \$8 per week; the fourth year \$18 per week.

R. C. Yeomans, Janesville—(b) First year \$200, the second year \$250, the third year \$500.

Burr Bros., Kenosha—(a) Only to increase their wages as they increase in ability.

E. C. Mason, Madison—First year \$50, the second year \$150, the third year \$300.

Louis Sountag, Sheboygan—(a) No system. Salaries raised according to their learning.

Burnett & Son, Superior—(b) First year \$72, the second year \$72, the third year \$400, the fourth year \$600.

D. & F. Kusel, Watertown—(b) First year \$50, the second year \$75, the third year \$100, the fourth year from \$300 to \$450.

#### MARBLE, GRANITE AND STONE WORKS.

Replies to the questions: (a) Have you any system or rule of promotion of apprentices? (b) If so what are their wages during the first year? The second year? The third year? The fourth year?

A. Jenss, Appleton—(b) First year \$120; the second year \$140: the third year \$175; the fourth year \$325.

Baraboo Roofing and Paving Works, Baraboo — (a) General proficiency brings increase of wages.

Lohr & Weifenbach, Milwaukee—(b) First year \$2.50 per week; the second year \$4 to \$5 per week; the third year \$7 to \$9 per week; the fourth year \$2.70 to \$3.00 per day.

J. P. Jensen, Neenah — First year \$1.25 per day; the third year \$1.50 per day; the fourth year \$3 per day if over 17 years old when commencing to learn the trade.

Watertown Stone Co.—(b) First year \$156; the second year \$234; the third year \$312; the fourth year \$168.

#### TINSMITHS, HARDWARE AND SHEET-IRON WORKERS.

Replies to the questions: (a) Have you any system or rule of promotion of apprentices? (b) If so, what are their earnings during the first year? The second year? The third year? The fourth year?

Cornelius Pratsch & Co., Oshkosh—First year \$5 per week; the second year \$6 per week; the third year \$8 per week; the fourth year \$9 per week.

C. Brouillet, Sparta—First year \$50 and board; the second year \$75 and board; the third year \$100 and board; the fourth year according to progress.

Howell & Blakeslee, Sparta—(b) First year \$156; the second year \$206; the third year \$281; the fourth year \$1.50 per day.

E. R. Honerjaeger, Watertown—(b) \$40; the second year \$60; the third \$100.

Bump & Bossingham, Wauwatosa—(b) \$3 per week the first year; \$4.50 per week the second year; \$6 per week the third year; \$7 per week the fourth year.

#### CARPENTERS.

Replies to the questions: Is it true that the best workmen in the building trades are those who served as apprentices in Europe? (b) Do you experience any trouble in hiring first class workmen? If so why?

Graf & Netcher, Baraboo—(a) No. (b) No, it is cheaper to hire a man who knows what to do and how to do it.

J. S. Collingwood, Barron—(a) I find that those from foreign countries who have served an apprenticeship of three to five years are the best mechanics. (b) Some. The trouble seems to be with us Americans that boys and men think it a waste of time to put in two or three years learning a trade. I have known several men who worked as helpers for carpenters one summer and the next summer they were full fledged carpenters, and even contractors.*

Brillion Lumber & Mfg. Co., Brillion. (a) No. (b) No.

Vandersant & Salisbury, Burlington-(b) No.

Joseph Demeroe, Centralia—(a) No. (b) No.

Hargraves & Phifer, Edgerton—(a) Not sure. (b) They usually have work.

Frank Holden, Elroy-(a) Not in my experience. (b) No.

William McMillan, Fifield—(a) Yes. (b) Yes, too many botches.

Adolph Green, Green Bay-(a) Yes. (b) No.

- A. Mahlgren, Hudson-(a) Do not know. (b) No.
- J. I. Van Vranken, Janesville—(a) No. (b) A few have thoroughly learned the trade.

Henry Hunzicker, Lake Mills-(a) No. (b) Yes, scarce.

- D. C. Buglass, Mauston—(a) Yes. (b) Yes, as a rule a man will not work at the carpenter trade until he can get nothing else to do.
- W. D. Pierce, Mauston—(a) Mechanics from Europe are as a rule better workmen but much slower. In learning a trade young men of 18 or 20 years naturally take more interest than do boys of 16 years, but there are exceptions. Some serve a lifetime and are yet far from being practical

^{*} If the law prohibited a man from taking a contract for any kind of building unless he could give references from some former contract which he had performed or references as a mechanic from former employer this would protect men who have served as apprentices.

mechanics. In my opinion the best way to encourage apprentices is to push them shead as fast as proficiency warrants. Some are apt, some are dull. Keeping a boy at common work too long becomes monotonous: but it is best for him to learn everything thoroughly as he goes along, and when he gets through he can secure employment anywhere at the highest wages.

Robert I. Dunlap, Merrillan—(a) No. (b) Yes. A good many pick up the trade.

J. E. Davidson, Milton—(a) No. (b) No.

Eugene F. Carter, Milwaukee-(a) It is not. (b) I do not.

Guetzkow Bros., Milwaukee—(a) No. (b) Not just now.

Rische & Sons, Milwaukee—(a) No. (b) Sometimes. Many poor ones. John Roeder & Son, Milwaukee—(a) No. (b) No.

E. M. Stevens, Neillsville—(a) No. (b) No.

O. M. Mitchell, North La Crosse—(a) No. (b) Yes, because they do not stay at one thing long enough, and all want to be contractors.

F. G. Root, Omro-(a) No. (b) No.

Henry M. Jones, Oshkosh-(a) Yes, but slow. (b) No.

Mertz Bros., Oshkosh-(a) No. (b) No.

Rhyner & Kitz, Oshkosh-(a) No. (b) No.

Henry Kleinhammer, Platteville—(a) No. (b) Yes, many assume to be workmen who have not learned the trade.

H. Dahlquist, Prentice—(a) Yes. (b) No.

Reedsburg Building & Lumber Co.—(a) No. (b) No.

Burnett & Edsall, River Falls-(a) No. (b) No.

The J. Bukholt Mfg. Co., Stevens Point—(a) No. (b) Yes, lacking first-class mechanics.

Louis G. Moran, Superior—(a) No. (b) Yes, drink.

George Cnare, Waterloo—(a) No. (b) No.

#### BRICKLAYERS, PLASTERERS, STONE MASONS.

Replies to the questions: (a) Is it true that the best workmen in the building trades are those who served as apprentices in Europe? (b) Do you experience any trouble in hiring first-class workmen? If so, why?

Lieberg & Wulf, Ahnapee—(a) Never. (b) No.

Dallmann & Mottel, Antigo-(b) No.

John Hackworthy, Appleton—(a) Yes. (b) No.

August Knueppel, Appleton—(a) No. (b) No.

Thomas Marks, Beloit-(a) Yes,

R. M. Turner, Beloit—(a) No. (b) No.

M. A. Bass, Chilton—(a) Yes. (b) No.

Martin Johnson, De Pere—(a) No (b) No.

- J. O. Henderson, Edgerton-(a) Yes. (b) No.
- M. J. Rice, Fairchild—(a) Yes. (b) No. This place is so far from the city.

Edward Henkelmann, Green Bay-(a) No. (b) No.

J. H. Tully, Kenosha—(a) No. (b) No. I think a system of manual training should be established either in the public school or in the Reformatory for boys so that they may become master mechanics and not shoe or chair makers on a half scale. Mason work and building can be learned in a manual training school as well as on a building.

John W. Klick & Son, La Crosse—(a) Yes. (b) No.

Joseph J. Boehm, Milwaukee—(a) Yes, and no, it depends upon the skill of the respective man. (b) Not now, market overfilled.

John Murray, Milwaukee-(a) Yes. (b) No.

William Ketel, Neillsville--(a) No. (b) Yes, expect more wages.

J. D. Ham, Oshkosh--(a) No, the contrary. In most instances those learning trades in Europe have to learn over again on coming here, if they wish to compete with workmen learning trades here, as they are too slow. (b) No.

Chas. Warren, Oshkosh-(b) No.

Joseph Weber, Oshkosh—(a) In some cases, not all. (b) Yes, because wages here are too low for good men. Chicago pays more.

S. S. Booth, Portage—(b) Yes, as a rule very unsteady.

Henry J. Schroeder, Reedsburg—(a) Yes. (b) Yes. Low wages.

- C. G. Knowles, River Falls—(a) No. (b) Yes. They prefer to work in larger cities.
  - C. L. Willard, River Falls—(a) Not always. (b) No.

Carl Steimke, Watertown-(a) No. (b) No.

J. M. Thoripson, Waupun-(a) No. (b) No.

#### PAINTERS, DECORATORS.

Replies to the questions: (a) Is it true that the best workmen in the building trades are those who served as apprentices in Europe? (b) Do you experience any trouble in hiring first-class workmen? If so, why?

William Scheer, Appleton-(a) Yes.

R. B. Fleming, Baraboo--(a) No. (b) Yes. No demand here.

R. B. Duncan, Chippewa Falls—(a) No. (b) No.

Jacob Thomsen, Fond du Lac—(a) Mostly. (b) Yes. Hard to find, and impossible to pay the wages such men demand.

E. J. Kent & Co., Janesville—(a) Yes. (b) Yes, they are not to be had.

Emil Hanske, Kiel- (a) Yes. (b) Yes. They do not like to leave the large cities.

William Borngraber, Mayville—(a) No. (b) Yes, because they do not want to work in the country.

Noerenberg & Mohns, Milwaukee-(a) No.

Ferd. Schmidt, Milwaukee—(b) Yes, because fresco painters think they know too much, and that no one can tell them anything.

Chas. E. Herrick, Neenah—(a) Don't see why they should be.

S. Allen, Omro—(a) No. (b) Sometimes, too many frauds.

Geo. C. Jewell, Rhinelander—(a) Don't know. (b) Yes, don't come here.

Chadbourne & Co., Ripon—(a) Yes. (b) No.

Ed. Hill, Shawano-(b) No.

J. A. Riley, Two Rivers—(a) No. (b) Yes, can not pay the wages.

Theo, Dobbratz, Watertown—(a) No. (b) Yes. On account of competition.

Chas. Krebs, Watertown—(a) Yes. (b) No.

William C. Raue, Watertown-(a) No. (b) No.

#### PLUMBERS, STEAM FITTERS.

Replies to the questions: (a) Is it true that the best workmen in the building trades are those who served as apprentices in Europe? (b) Do you experience any difficulty in hiring first class workmen? If so, why?

- W. S. Patterson, Appleton—(a) No. (b) Yes, careless as to details.
- N. O. Swift, Chippewa Falls-(b) No.
- J. P. Fox, Eau Claire—(a) No. (b) No.

Burr Bros., Kenosha—(a) No. (b) No.

McVicar Bros., Janesville—(a) No. (b) Yes, they are drinkers and tramps.

Geo. J. Egge, La Crosse-(a) No. (b) No.

E. C. Mason, Madison—(a) Think not. (b) No.

R. C. Yeomans, Janesville—(a) Yes. (b) Yes. Dissipation and strikes.

Louis Sountag, Sheboygan (a) No. (b) No.

Burnett & Son, Superior—(a) Yes. (b) No.

D. & F. Kusel, Watertown-(a) No. (b) Not always.

Thomas F. Delaney, Wausau-(a) No. (b) No.

#### MARBLE, GRANITE AND STONE WORKS.

Replies to the questions: (a) Is it true that the best workmen in the building trades are those who served as apprentices in Europe? (b) Do you experience any trouble in hiring first-class workmen? If so why?

A. Jenss, Appleton—(a) Not to my knowledge. (b) Yes, never contented with wages.

Baraboo Paving & Roofing Works. - (a) No. (b) No.

Lohr & Weifenbach, Milwaukee—(a) Do not know. (b) Yes, do not like to come west.

- J. P. Jensen, Neenah-(a) No. (b) No.
- C. E. Randall, Onalaska—(a) Yes. (b) No.

Watertown Stone Co. -(b) No.

#### TINWARE, HARDWARE AND SHEET-IRON WORKERS.

Replies to the questions: (a) Is it true that the best workmen in the building trades are those who served as apprentices in Europe? (b) Do you experience any trouble in hiring first-class workmen? If so, why?

Schlosser Bros., Eau Claire — (b) No.

Cornelius Pratsch & Co., Oshkosh -- (a) No. (b) Yes, intemperance.

C. Brouillet, Sparta -- (a) Not according to American work. (b) No.

Howell & Blakeslee, Sparta -- (b) No.

E. R. Honerjaeger, Watertown —(a) Yes.

Bump & Bossingham, Wauwatosa—(a) Don't know. (b) Do not need to hire any as we keep a good man all of the time.

#### CARPENTERS.

Replies to the questions: (a) Hours of labor in summer. In winter.

- (b) Has any strike occurred among the workmen in your employ in 1898?
- (c) State manner of paying wages.

Graf & Netcher, Baraboo—(a) 10 hours; 8 hours. We mostly pay by the hour in winter. (b) We have no strikes among our workmen. If a man working for us does not like our ways or wages all he has to do is to make it known and we will adjust ways or wages if necessary, then if he is not satisfied we give him his time. We want men working for us to be satisfied that we are paying all they earn and we want them to earn all that we pay them. (c) We pay up every Saturday night.

- E. R. Keller, Baraboo—(a) 10 hours; 8 hours. (c) Every week.
- J. S. Collingwood, Barron—(a) 10 hours; 9 to 10 hours. (b) Not any. (c) Monthly by check on the bank of Barron. I find by close investigation that strikes are generally started by some fourth class workmen; not by first class mechanics. If a man is a superior workman he can reason with his employer and in nine out of ten cases have no trouble or cause for a strike.

Theo. Dustrude, Beloit—(a) 10 hours; 8 to 9 hours. (c) Every Saturday. Brillion Lumber & Mfg. Co., Brillion—(a) 10 hours; 9 hours. (c) We paid as men wanted money, and settled at the end of the year.

Vandersant & Salisbury, Burlington—(a) 10 hours; 8 hours. (c) No rule in particular, only we balance with them every month.

Joseph Demerce, Centralia—(a) 10 hours; 8 hours. (b) No strike. (c) No pay day; men get their money whenever they as a for it.

E. M. Fish & Co, Eau Claire—(a) 10 hours; 8 hours. (c) Weekly by check.

Hargraves & Phifer, Edgerton—(a) 10 hours; 8 hours. (b) Never had any such trouble with workmen. (c) Calculate to pay every week in full or part. Think workmen should be paid in full or part every week because it gives the best satisfaction.

Frank Holden. Elroy—(a) 10 hours; in winter the day varies, we work from daylight till dark. (c) There is no regularity. Some pay every Saturday night, but more employers want to wait till the job is completed. Most of the work here is done by the day.

William McMillan, Fifield—(a) 10 hours; no work in the winter. (b) None. (c) Weekly.

Adolph Green, Green Bay—(a) 10 hours; 8 hours. (c) Wages are paid every two weeks on Monday.

Chas. Firehammer, Horicon-(c) Weekly, or when called for.

- A. Malmgreen, Hudson—(a) 10 hours. (c) Weekly.
- J. I. Van Vranken, Janesville—(a) 10 hours; 8 hours. (b) No strike. (c) At end of week.

John Hunzicker, Lake Mills - (a) 10 hours; 8 hours. (c) Monthly.

- D. C. Buglass, Mauston-(a) 10 hours; 8 hours. (b) None. (c) Weekly.
- J. E. Davidson, Milton—(s) 10 hours; 8 hours. (c) When job is done.

Eugene F. Carter, Milwaukee—(a) 9 hours; 8 hours. (c) As a rule, I pay off every two weeks, on Monday evening, after working hours.

Guetzkow Bros., Milwaukee-(a) 10 hours; 8 to 10 hours. (b) No. (c) Every two weeks.

C. H. Rische & Sons, Milwaukee—(a) 8 hours; 8 hours. (c) Semi-monthly, by currency or check.

John Roeder & Son, Milwaukee—(a) 8 hours; 8 hours. (c) Every week, in currency.

E. M. Stevens, Neillaville - (a) 10 hours; 9 hours. (c) Paid every Saturday for the week, in cash.

- O. M. Mitchell, North La Crosse—(a) 10 hours; 9 hours. (c) Every two weeks or four weeks.
- F. G. Root, Omro—(a) 10 hours; 8 hours. (c) No system. I pay when I get the money.

Henry M. Jones, Oahkosh—(a) 10 hours; 8 hours. (b) No strike has occurred. (c) Regularly every Saturday night. Never let it run.

Rhyner & Kitz, Oshkosh—(a) 10 hours, 8 hours. (b) Not any. (c) Every Saturday evening.

Henry Kleinhammer, Platteville—(a) 10 hours; 8 hours. (c) Every Saturday night at 7 o'clock in office, when every workman has to give particular account of himself for the week.

H. Dahlquist, Prentice-(a) 10 hours; 8 hours. (c) By the week.

Reedsburg Building & Lumber Co.—(a) 10 hours; 8 hours. (c) When desired by the workmen.

Burnett & Edsall, River Falls—(a) 10 hours; 8 hours. (b) Nothing of the kind. We are practical builders, employ no foreman, keep time ourselves. (c) Pay every Saturday night.

J. Bukholt Mfg. Co., Stevens Point—(a) 10 hours; 9 hours. (c) Payments are partly every Saturday, and accounts balanced every month.

Louis G. Moran, Superior—(a) 10 hours; 9 hours. (b) No. (c) On the tenth or fifteenth of each month when the estimate comes.

G. Chare, Waterloo-(a) 10 hours; 8 or 9 hours. (c) Monthly.

#### BRICKLAYERS, PLASTERERS, STONE MASONS.

Replies to the questions: (a) Hours of labor in summer? In winter? (b) Has any strike occurred among the workmen in your employ in 1893? (c) State manner of paying wages.

Lieberg & Wulf, Ahnapee--(a) 10 hours. (c) Pay the third of each month, retaining three days' pay.

Dallman & Mottel, Antigo—(a) 10 hours; 8 hours. (c) Every two weeks.

John Hackworthy, Appleton—(a) 10 hours; 8 hours. (b) No strike.

Never had one. We have no union in this town. I think unions make strikes. (c) Every two weeks, on Monday.

August Knuepple, Appleton—(a) 10 hours; 9 hours. (c) Every two weeks.

Thomas Marks, Beloit—(a) 10 hours; 8 hours. (c) By the hour. Payevery Saturday.

R. M. Turner, Beloit—(a) 10 hours; 8 hours. (c) Cash every Saturday.

M. A. Bass, Chilton—(a) 10 hours; 9 hours. (b) None. (c) Once a month.

Martin Johnson, De Pere—(a) 10 hours per day. (c) By the hour and every two weeks.

- J. O. Henderson, Edgerton—(a) 10 hours; 8 hours; (b) Everything has run peacefully. (c) I pay by checks.
  - M. J. Rice, Fairchild -(a) 10 housr. (c) Every Saturday.

Edward Henkelmann, Green Bay --- (a) 10 hours; 10 hours. (b) Not any. (c) Every two weeks.

J. H. Tully, Kenosha—(a) 10 hours; 9 hours. (b) There were two strikes, one for \$3.50 per day and one for \$4 per day. The workmen carried the day. (c) Every Monday.

Joseph J. Boehm, Milwaukee -- (a) 8 hours; 8 hours. (c) Pay every two weeks in cash.

John Murray, Milwaukee -- (a) 8 hours; 8 hours. (c) Every two weeks on Monday.

J. D. Hamm, Oshkosh—(a) 10 hours; usually 8, pay by the hour. (b) No strikes. (c) Cash every Saturday evening secures best results.

Chas. Warren, Oshkosh -- (b) No strikes. (c) Every Saturday night.

Joseph Weber, Oshkosh —(a) 10 hours; 8 hours. (b) No strikes. (c) Cash every Saturday night or on demand.

- S. S. Booth, Portage —(a) 10 hours; 10 hours. (b) Not any. (c) Monthly by check.
- C. G. Knowles, River Falls—(a) 10 hours; 8 hours. (b) No. (c) Cash every two weeks.
- C. L. Willard, River Falls—(a) 10 hours; 8 hours. (c) Cash every week. Carl Stiemke, Watertown—(a) 10 hours. (b) No strikes in this community, as everybody is well satisfied. (c) We always have and always will pay every week.
- J. M. Thompson, Waupun --(a) 10 hours; 8 hours. (c) Mondays in sealed envelopes.

#### PAINTERS, DECORATORS.

Replies to the questions: (a) Hours of labor in summer? In winter? (b) Has any strike occurred among the workmen in your employ in 1893? (c) State manner of paying wages.

William Scheer, Appleton (a) 10 hours; 8 hours. (b) No. (c) Weekly. R. B. Fleming, Baraboo—(a) 10 hours; 7 hours. (c) Monday morning cash.

R. B. Duncan, Chippewa Falls—(a) 10 hours; 7 and 8 hours. (b) There has been none. (c) Weekly.

Edwards & Burch, Fond du Lac—(a) 10 hours; 8 hours. (c) At the end of each week.

J. Thomsen, Fond du Lac-(a) 10 hours; 8 hours. (c) Weekly.

E. J. Kent & Co., Janesville—(a) 10 hours; 8 hours. (b) None has occurred. (c) Cash Saturday night.

Emil Hanske, Kiel—(a) 10 hours; 8 hours. (c) When they ask for their pay.

William Borngraber, Mayville—(a) 10 hours; 10 hours. (c) Cash weekly. Noerenberg & Mohns, Milwaukee—(a) 8 hours; 8 hours. (c) Every two weeks, Mondays.

Chas. Herrick, Neenah—(a) 10 hours; 10 hours. (c) Monthly cash.

- S. Allen, Omro-(a) 10 hours; 8 hours. (b) Not any. (c) Usually after job is finished.
- Geo. C. Jewell, Rhinelander—(a) 10 hours; 8 hours. (b) None. (c) Weekly or upon demand.

Chadbourne & Co., Ripon—(a) 10 hours; 8 hours. (c) They draw on us Saturdays for what they want.

J. A. Riley, Two Rivers—(a) 10 hours. (c) Weekly payments of \$5 or \$10 and settlement at end of season.

Theo. Dobbratz, Watertown—(a) 10 hours; 8 and 9 hours. (c) Weekly. Chas. Krebs, Watertown—(a) 10 hours; 9 hours. (c) By the week.

William C. Raue, Watertown—(a) 10 hours; winter season varies from 6 to 8 hours. (c) Payment in full every Saturday night unless men desire to draw less.

H. A. Propp, Wauwatosa—(a) 10 hours; no definite number in winter. (c) Every Saturday unless I am unable to make collections.

#### PLUMBERS, STEAM FITTERS.

Replies to the questions: (a) Hours of labor in summer? In winter? (b) Has any strike occurred among workmen in your employ in 1893? (c) State manner of paying wages.

W. S. Patterson, Appleton—(a) 10 hours; 8 hours. (c) Every Monday.

J. P. Fox, Eau Claire—(a) 10 hours; 8 hours. (b) None whatever. (c) Pay cash or check on bank every week.

McVicar Bros., Janesville—(a) 10 hours; 8 hours. (c) Every Saturday evening.

R. C. Yeomans, Janesville—(a) 10 hours: 9 hours. (b) no strikes, but men are affected by strikes èlsewhere.

Burr Bros., Kenosha—(a) 10 hours; 10 hours. (c) Sometimes cash, sometimes check every Saturday night.

E. C. Mason, Madison—(a) 10 hours; 8 hours. (b) None occurred. (c) Every Saturday at end of day's work.

Louis Sonntag, Sheboygan—(a) 10 hours; 8 hours. (b) No dissatisfaction among men. (c) Plumbers, weekly; laborers, evers two weeks.

Burnett & Son, Superior—(a) 8 hours; 8 hours. (c) Weekly payments by check.

D. &. F. Kusel, Watertown—(a) 10 hours; 9 hours. (b) None, we have never had any trouble with our workmen. (c) Pay every Saturday evening. Thomas F. Delaney, Wausau—(a) 10 hours; 10 hours. (c) Every Satur-

day:

#### MARBLE, GRANITE, STONE WORKS.

Replies to the questions: (a) Hours of labor in summer? In winter? (b) Has any strike occurred among workmen in your employ in 1893? (c) State manner of paying wages.

A. Jenss, Appleton—(a) 10 hours; 8 hours. (c) Some paid weekly and some paid monthly.

Baraboo Paving & Roofing Works—(a) 10 hours. (b) None. (c) Weekly in cash.

Lohr & Weifenbach, Milwaukee - (a) 9 hours; 7 to 8 hours. (b) No strikes. (c) Every week.

J. P. Jensen, Neenah—(a) 10 hours; 8 hours. (c) Every two weeks, on Saturday nights cash in full.

Watertown Stone Co.—(a) 10 hours: 8 hours. (c) Cash weekly payments. Story Bros, Wauwatosa—(a) 10 hours; 8 hours. (b) None. (c) Weekly in cash.

#### TINSMITHS, HARDWARE AND SHEET IRON WORKERS.

Replies to the questions: (a) Hours of labor in summer f In winter f (b) Has any strike occurred among workmen in your employ in 1893 f (c) State manner of paying wages.

Schlosser Bros., Eau Claire—(a) 10 hours, 8 hours. (c) Weekly in hard cash.

Cornelius Pratsch & Co., Oshkosh—(a) 10 hours; 10 hours. (b) No. (c) Every Saturday.

- C. Brouillet, Sparta—(a) 10 hours; 10 hours. (b) Not any. (c) Weekly. Howelf & Blakeslee, Sparta—(a) 10 hours; 10 hours. (c) Cash weekly.
- E. R. Honerjaeger, Watertown—(a) 10 hours; 8 hours, or according to business. (c) Every three months \$10.

Bump & Bossingham, Wauwatosa—(a) 10 hours; 9 to 10 hours. (b) None. (c) Weekly.

7.

# THE BUILDING TRADES.

# EMPLOYERS' STATISTICS.

TABLE I.—Showing the different rates of wages per hour in all branches of the building trades. Representing

#### BRICKLAYERS.

LOCATION.  Ahnapoe Antigo		40 cts.	35 cts.	3914 cts.	30 cts.	25 cts.	20
						040.	dis.
Appleton Seloit Seloit Surlington Sentralia Edgerton Fond du Lac Green Bay Horicon Kenosha La Crosse Milwaukee* Neillsville New Richmond Omro Dahkosh Pittsville Reedsburg River Falls Watertown Waupun Totals	6 10 2 2 2 3 1 2 2 1 1 5 2 2 1 4	1 4 5 5°	1 5 2 4 7 1 2 2 2	1	\$ 4	1	1

^{*} Note.—Milwaukee reports five bricklayers who receive 42% cts. per hour.

### STONE MASONS.

LOCATION.	Number of stone-		RATE	PER HO	OUR, HER	E SPECI	FIED.	
LOCATION.	masons.	40 cts.	35 cts.	371/4 cts.	30 cts.	9714 cts.	95 cts.	20 cts.
hnapee hppleton laraboo leloit entralia hilton De Pere Edgerton rond du Lac reen Bay Horicon Kenocha Lake Mills fauston Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton Milton M	2778922455223112223844214422144822252	1 7	4	3	6 4 1 1 2 3 2 2 3	3 3 4	1 1 1 1	1 1 1 2 5 5 5
Totals	112	18	92	4	35	12	14	1

# PLASTERERS.

	Number of	Number of Plasterers working at the different rates per hour, here specified.								
, Location.	plasterers.	40 cts.	<b>35</b> cts.	<b>80</b> Cts.	2716 cts.	25 cts.	22)4 cta.	20 cts.		
Ahnapee Antigo Appleton Baraboo Baraboo Beloit Burlington Centralia Ciniiton De Pere Edgerton Fairchild Foron du Lac Horicon Kenosha Lake Mills Mauston Milwaukee Neillsville New Richmond Oshkosh Reedsburg River Falls Sun Prairie Waupun	527223424250	4 1	2 1 3 2 1 1 	1 1 2 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i i	1	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		
Totals	97	10	22	25	8	20	7	- 5		

٠..

# STONE CUTTERS.

_	Num- ber of	Numbi	er of 8	TONE-			RKING . ERE SP			RENT	RATES	PER
LOCATION.	stone cutters	50 cts.	40 cts.	35 cts.	321/4 cts.	30 cts.	9716 cts.	25 cts.	2214 cts.	20 cts.	1716 cte.	15 cts.
Ahnapee. Appleton Baraboo. Beloit Centralia Chilton. Edgerton. Fond du Lec. Green Bay Horicon Kenoaha Lake Mills Mauston. Milwaukee Neenah Neenah Neilsville Omro. Onalaska Oshkosh Pittsville Portage Reedsburg. River Falls Watertown	91176523422522251022227	15	30	4	3	2 2 2 2 1 1 3 1 2 6 2 6 1 2 6 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 8	2 1	1	
Totals	142	15	81	18	8	41	5	15	4	- 5	8	- s

# HOD CARRIERS.

_	Number of					LING AT	
LOCATION.	hod carriers.	9914 cts.	20 cts.	17) i cts.	15 cts.	181/2 cts	19% cts.
Ahnapee Antigo Appleton Barron Beloit Centralia De Pere Edgerton Edigerton Edigerton Ediron Fairchild Fond du Lac Green Bay Horicon Kenosha La Crosse Lake Mills Madison Mauston Merrillan Milwaukee Nedisville Omro Oshkosh Pittaville Portage Reedsburg River Falls Sun Prairie Superior Watertown Waupun	9 27 27 28 28 28 31	9	3	1 13 18 18 2 3	9 2 10 8 3 4 4 16 12 2 2 16 3 2 1 1 9 2 2 1 5 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	1
Totals	177		3	38	126	9	5

# MORTAR MIXERS.

LOCATION.	Number of mertar	Number of Mortae Mixes Working at the Dieferen Rates per hour, here specifie					
	mixers.	90 cts.	.171/6 cts.	15 cts.	1914 cts.		
Ahnapee Antigo Appleton Belott Brillion De Pere Eau Claire Edgerton Fairchild Fond du Lac Green Bay Horicon Hudson Kenosha La Crosse Lake Mills Madison Marinette Mauston Merrillan Nilwaukee Nelliaville Omro Oshkoah Pictaville Portage Reedsburg River Falls Stevens Point Sun Prairie Superior Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo Waterioo	10 77 19 17 9 4 10 4 5 17 14 8 9 4 8 8 12 12 13 14 8 8 12 12 14 8 14 8 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1	3 3 3 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 7 15 17 10 11 10 88 88 82 22 29 11 7 22	3 3 4 1 1 1 1 1		
Totals	284	5	49	158	27		

# CARPENTERS.

	Num- ber of	Nu	MBER (	of Car	PENTE:	RS WOR	KING A	T THE	DI <b>FFE</b> D.	RENT F	LATES P	PER
LOCATION.	car- penters	35 cts.	30 cts.	9714 cts.	25 cts.	221/g cts.	20 cts.	1714 cts.	161/6 cts.	15 cts.	1914 cts.	10 cts.
Antigo. Appleton Baraboo. Barron Beloit. Brilion Burlington Centralia. Eau Claire. Edgerton Eliroy Fifield Horicon Hudson. Janesville Kenosha. La Crosse Lake Mills Marshfield. Mauston. Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Milwauston Mi	16 17 5 11 19 19 18 17 18 20 8 8 10 6 7 22 9 9 4 8 8 8 8 10 8 10 8 10 8 10 10 10 10 10 10 10 10 10 10 10 10 10	1 2 6 1	2 1 1 2 2 1 1	15	3 1 2 11 1 2 11 1 2 3 11 2 11 1 2 2 3 3 1 2 1 1 2 2 1 1 2 2 1 1 2 1 2	2 3 5 1 1 2 4 4 4 1 1 1 1 1	2 5 7 7 1 8	3 4 3 1 4 6 1 1 3 1 3 3 1	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 1 3 9 	3	10
Totals	417	11	181	15	72	65	108	50	18	87	15	18

# HOUSE PAINTERS.

LOCATION.	Number of house	NUMBE	R of Ho	use P	AINTERS PER HOU	WORKI R HERI	ng at <i>t</i> : Especifi	HE DIE	FERENT	RATE
	painters.	30 cts.	9714 cts.	25 cts	2214 cts.	20 cts.	171/2 cts.	15 cts.	1314 cts.	10 cts.
Antigo Baraboo Chippewa Fis Darlington De Pere Eau Claire Fond du Lac. Fort Atkinson Green Bay Janesville La Crosse Lake Mills Mayville Merrillan Milwaukee Oonro Oshkosh Pi tsville Reedsburg Rhinelander Ripon Shawano Two Rivers Watertown Waupaca Wauwatosa Wauwatosa	2272331133212993335523552355235523552355235523552355	11 3	2 6	1 1 2 1 2 1 2 1 3 1 1 3 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	111118	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 2 1 1 2 2 1 3 2 2 1 3 3	1	1
Totals	212	19	10	36	16	47	23	44	10	7

### GRAINERS.

Location.	Number of									
	grainers.	30 cts.	2714 cts.	<b>95</b> cts.	2214 CLS.	20 cts.	171/2 cts.	15 cts.		
Baraboo . Chippewa Falls . Dariington . De Pere . Fond du Lac . Green Bay . Janesville . Kenosha . La Croese . Lake Mills . Mayville . Milwaukee . Omro . Oshkosh . Rhinelander . Ripon . Sun Prairie . Watertown . Waupaca . Wauwatosa . Totals .	8 8 8 2 2 5 5 5 9 2 2 83 8 12 6 4 4 18 8 8	1 3 4	4 8	2	3 2 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 3 2 1 10 14 4 8 2 2 2 9 1 4		

#### SIGN PAINTERS.

_	Number of	Number of Sign Painters working at the differ- ent rates per hour, here specified.								
LOCATION.	sign painters.	50 cts.	30 cts.	2714 cts.	95 cts.	9914 cts.	20 cts.	15 cts.		
Chippewa Falls	20 20 20 20 20 20 20 20 20 20 20 20 20 2	3 8	1 2 4 1	2 1 2 8	2 3 3 2 1 5	1 1 1 2 2 6	1 1 1	2 4 2 1 1 3 2 2		

# DECORATORS.

LOCATION.	Number of decorators.	Number of Decorators working at the differ ent rates per hour, here specified.							
		50 cts.	40 cts.	35 cts.	30 cts.	9714 cts.	25 cts.		
Appleton Beloit Janesville Fond du Lac La Crosse Milwaukee Oshkosh Totals	2 2	 8 	2 2 8	2 1 2 5 1	8 1	1 2	1 4 5		

### FRESCO PAINTERS.

LOCATION.	Number of fresco	Number of Fresco Painters Working at the different rates per hour here specified.						
	painters.	50 cts.	40 cts.	35 cts.	30 cts.	25 cts.		
Appleton Janesville La Crosse Milwaukee Oshkosh Watertown	8 2 4 9 2	1	2 1 1	2 1 2 8 1	1 1 4	i 1		
Totals	51	1	4	9	7	z		

# PLUMBERS.

	Number of	NUMBER OF PLUMBERS WORKING AT THE DIFFERENT RATE PER HOUR, HERE SPECIFIED.							
Location.	plumbers.	45 cts.	40 cts.	35 cts.	30 cts.	2714 cts.	25 cts.	20 cts.	15 cts.
Appleton Chippewa Falls. Eau Claire Green Bay Janesville Kenosha La Crosse Madison Milwaukee Oshkosh Racine Sheboy gan Superior Watertown Watertown Watertown Totals	7 8 8 7 12 9 35 18 6 12 6 5 4	5	1	8 1 4 1 12 7 8 4 4 1 8	2 1 2 3 1 5 2 2 2 3 3	5	1 2 1 2 1 3 6 6 1	2 1 1 2 2	3 4 1 2 1

# PLUMBERS' HELPERS.

_	Number of	Number F	of Plu ERENT R	mbers' { ates per	HOUR,	WORKIN	G AT TE	E DU
LOCATION.	plumbers' helpers.	171/2 ets.	15 cts.	1914 cts.	10 cts.	71/2 cts.	e cts.	ots.
appleton Lau Ciaire Lenosha A Crosse Ladison Lilwaukee Lacine Lacine Lacine Lacine Lacine Lyac Lyac Lyac Lyac Lyac Lyac Lyac Lyac	5 8 8 8 8 5 6 4	1 8 1	1 4 2 1	1 1 1 1 2 2 2 1 1 2 2 1	1 1 2 1 1 1 1 1 2 1 1	1 1 2 2 1	6 1 1 2 2 1 1 1	
Totals	36	5	9	28	14	6	13	

# STEAM AND GAS FITTERS.

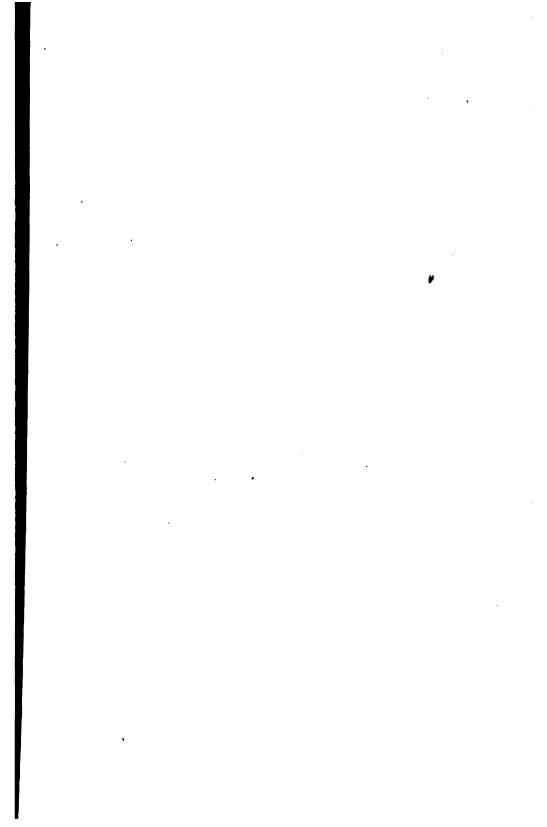
•	Num- ber of	Numb	er of 8	TEAN .	LND GA		BPECII		AT THE	RATES	PER I	HOUR
LOCATION.	steam and gas fitters.	40 cts.	85 cts.	80 cus.	9714 cts.	95 cts.	221/g cts.	<b>20</b> cts.	171/2 cts.	15 cts.	1914 cts.	10 cts.
Appleton Eau Claire Janesville Kenosha	18 14 7	i	1 1	2 1 2	1	1 9	i	1 1	1 5	_i	1 1	 5 3
La Crosse Madison Milwaukee . Oshkosh	7 22 15 74 30	3  8 1	8 1 2 1	4 1 10 6	7 5	12 12 8	1	5 4		1 8		8 7 88 14
Sheboygan . Watertown .	28		1	·:··	1	8	•••••	····	·····	<u></u>		12
Totals	205	7	10	81	18	27	8	18	6.	5	2	85

### TINSMITHS.

LOCATION.	Number of	Number of Tinsmites working at the different Ra- Hour, here specified.							
LOCATION.	tinsmiths	30 cts.	9714 cts.	ys cts.	9914 cts.	90 cts.	1714 cts.	15 cts.	10 cts.
Antigo Baraboo Dartington Fond du Lac Ft. Atkinson Janesville Lake Mills Merrillan Milwaukee Omro Oahkosh Watertown Totals	4 4 2 3 3 2 7 3 3 2 16 6 8 18 9	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 2 2 1	2 1 2 2 2 1 3 8 2	1 1	3 2 1 1	3 8	1 1 1 8	1 2

### LABORERS.

	Number of laborers.	Number			REING AT		
LOCATION.		20 cts.	18 cts.	171/6 cts.	16 cts.	15 cts.	19% cts.
Ahnapee. Antigo. Appleton Baraboo Barron Beloit. Berlin Brillion Burlington Centralis. Eau Claire Edgerton Eiroy Fairchild Fifield Fond du Lac Green Bay Horicon. Hudson. Janesville. Kenosha. La Crosse Lake Mills Madison. Marinette. Marshfield Mauston Merrillan Milton. Milwaukee Neellsville Omno. Oshkosh Pittaville Omno. Oshkosh Pittaville Portage. Prairie du Chien. Prentice Racine. Recedsburg River Falls Sheboygau Stevens Point. Superior. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterior. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo. Waterioo.	11 8 19 9 8 8 8 7 4 4 4 4 15 5 8 5 6 4 4 4 10 5 5 5 6 4 4 4 10 5 5 8 5 8 5 8 8 5 9 7 13 8 7 2 5 9 7 13 8 7 2 5 9 7 13 8 7 2 5	1	3	3 3 3 6 6 3 3	10	10 50 8 8 7 4 8 8 8 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Waupun	441	7	6	94	17	279	100



# LABORERS.

<u>.</u>	Number of	NUMBER OF LABORERS WORKING AT RATES PER HOUR, HERE SE					
LOCATION.	laborers.	90 cts.	18 cts.	171/2 cts.	16 cts.	18 cts.	1934 ota.
Ahnapee	11					10	1
Antigo.	78					5	l â
ppleton	19			ıi	i	1Ŏ	1 7
Baraboo	9			Ē		-8	1 4
Sarron	8	1		i		Ž	1 i
leloit	20				1	17	1 3
erlin	7					4	
rillion	4					2	1 3
urlington	4			l		8	l i
entralia	4	l				4	1
au Claire	15	1		l		14	1
dgerton	5 8 5					4	1 1
iroy	8					1	1 5
airchild		1				1	1
ifield	6			8		8	1
ond du Lac	4					1	1 8
reen Bay	4	l	8	l		1	l
loricon	10			l		6	1 4
ludson	5					1	1
anesville	15			1		14	1
enosha	4	1				4	I
a Crosse	19	` 4		2		12	1
ake Mills	.4 8	1				4	1
[adison	8					8	l
[arinette	5					4	1
Iarshfield	5 8 6					7	1 1
[auston	6					5	1 1
[errillan	8					8	
[ilton	8		· · · · · <u>· ·</u> · ·		• • • • • • • • •	8	J ,
lilwaukee	52	1 1	2	2	10	80	1 :
eillsville	18					9	1 4
mro	. 6			····· <u>·</u> ··		*	!
shkosh	26	[	1	2	2	16	1 !
ittaville	6				•••••	4	:
ortage rairie du Chien	7		• • • • • • • •	6		1	
raine du Unien	18 8		• • • • • • • • •		. ,	7 2	1 9
rentice	<u> 28</u>	····	• • • • • •			2	١.
acine	355 5		•••••	i *	• • • • • • • •	1	1
eedsburg	9		•••	·····	•••••	5	1 :
heboygan	27	7	••••			21	
tevens Point	10		• • • • • • • •			6	3
un Prairie				l	-	2	1
uperior.	8 7 <b>2</b>			·····	••••	•	
Vaterioo	ایو	1		l	• • • • • • • • • • • • • • • • • • • •	ī	1 3
Vatertown	5					8	1 4
Vaupun	l ă l					ž	1 1
							<u> </u>
Totals	441	7	6	94	17	279	10



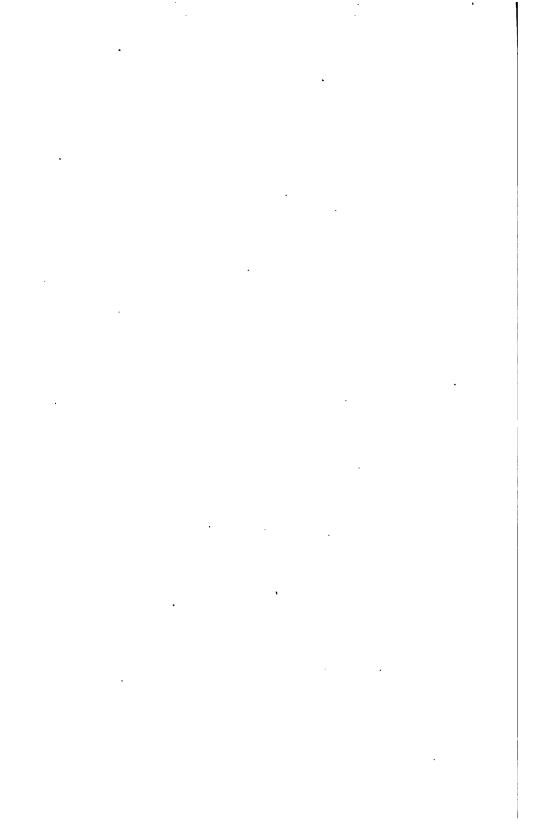
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#### ATLANTA, GEORGIA.

Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by F. A. Pittman.

	Hours o		Wages	Wages
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	per hour.	in Milwaukee.
Stone Masons	9	9	cts.	cts.
Brickiayers	l 10	ا و ا	80	40-46
Plasterers	10	1 9 1	25	85-40
Lathers	10	9	20	20-95
Hod Carriers	10	9	736	223/4
Carpenters:	ł			
Rough	10	9	12	221/4-25
Regular	10	9	1734	26
Finishers	10	1 9	22	2714-80
Stone Cutters	9	9	40	50
House Painters	10	9	20	25-30
Grainers	10	9	227/4	80-85
Presco.	10	9		
Signa	10	9		····
Plumbers.	10	10	80	85
Steam Fitters	10	10	30	85
Gas Fitters	10	10	10	80
Helpers	10	10	90	11
Tinsmiths	10	10	90	25-30
Roofers:	مم ا	1		ll
Slate	10	10	25	25
Composition	10	10	15	20-25
Gravel	10		15	20-25
General common labor	10	10	7346	15

REMARKS.—Wages per hour the same in winter as in summer. Almost any of the above can be secured at present at 50 per cent. off the above prices, so great is the demand for work.

General rate for Atlanta, per hour.		21.8 cents.
General rate for Milwaukee, per hour	<b>r</b>	29.6 cents.

# BUFFALO, NEW YORK.

Report of standard wages paid per hour and day to skilled workmen, in 1898, in the several branches of the building trades. Reported by J. C. Almendinger, Secretary Builders' Association.

CLASSIFICATION OF MECHANICS.	Hours o	F LABOR Day.	Wages per hour	Wager	
Charles of Machanios.	In Summer.	In Winter.	and day.	Milwankee.	
Stone Masons	9 9	9 9 8	86 ets. 86 83	40 cts. 40-45 35-40	
Hod Carriers	9	9	16	2234	
Carpenters:  Rough Regular Finishers Stone Cutters House Painters Grainers Fresco Sign Paperhangers*	9 9 8 9 9 9	9998888888	90 98 25-98 44 35 83 277-4	22/4-35 25 25-34-80 50 36-80 80-35	
Decorators. Plumbers Steam Fitters Helpers Tinamiths	9 9 9	8 8 9 9	\$8 \$8 00 8 00 2 25	40 35 35 35	
Roofers:  Slate Composition Gravel Diggers General common labor.	10 10 10 10 10	9	8 00 20 20 20 1 50 161/4	25 20-25 90-25 15 15	

REMARKS.—* Lathers work by the yard, at 2 cents a yard. Paper hangers receive pay by the roll. This is a copy of my annual report to this Exchange and the National Association of Builders.

General rate for Buffalo, per hour	28.6 cents.
General rate for Milwaukee per hour	

# BUTTE, MONTANA.

Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by Joseph Campeau.

		F LABOR DAY.	Wages	Wages
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	per hour.	in Milwaukee.
Stone Masons Bricklayers Plasterers Lathers Hod Carriers	9 9 8 10 9	8 8 8 8	cts. 67 67 75 40 45	cts. 40 40-85 85-40 20-25 2234
Carpenters L. Rough Rogular Rogular Finishers Stone Cutters House Painters Grainers Fresco Sign Paperhangers Decorators Plumbers Steam Fitters Gas Fitters Helpers Tinsmiths	9 9 9 9 9 9 9 9 9 8 8 8 10	888888888888888888888888888888888888888	40 50 50-55 67 45 50-85 50-85 45-85 50-85 1 50-85 1 50-85 45-80 15-80	227/4 - 25 25 27/4 - 50 55 - 80 80 - 85 40 85 - 85 85 85 85
Roofers — composition gravel  Diggers General common labor Miners	10 10 10 10 10	8 8 10 10 10	85 40 85 80 85	20-25 20-25 15

REMARKS—Wages per hour the same in summer as in winter. These prices are paid summer and winter, but unfortunately we work only six months in the year; taking the year round would cut the wages one half. There is but little work done in winter excep repairing.

General rate for Butte, per hour	47.5 cents.
General rate for Milwaukee per hour	.29.6 cents.

# CHARLESTON, SOUTH CAROLINA.

Report of the standard wages paid per day to skilled workmen, in 1893, in the several branches of the building trades. Reported by John F. Ficken, Mayor.

. Classification of Mechanics.	Hours of Labor PER DAY.		Wagns	Wages
	In Summer.	In Winter.	day.	in Milwaukee.
Stope Masons		10	\$3-\$4.00	\$3.20
Bricklayers	. 10	10	2.50-8.00	8,90-3.60
Plasterers		10	1.75	8.80-8.20
Lathers		10	1.75	1.60-2.00
Hod Carriers	10	10	1.95	1.75
Carpenters-			! !	1
rough	10	10	1.25	1.80-2.00
regular		10	1.75	2,00
finishers	10	1Ŏ	2.95	2.20-2.40
Stone Cutters		10	8.00-4.00	4.00
Grainers		10	2.00-2.50	2.40-2.80
Fresco	10	iŏ	8.00-4.00	
Sign.		īŏ	2.95	1
Paperhangers		iŏ i	2.00	2.00-2.40
Decorators		iŏ	2.00	8.90
Plumbers		l iŏ i	8.00	2.80
Steam Fitters	iŏ	iŏ	8.00	2.80
Gas Fitters		iŏ	8 00	2.40
	7.1	iŏ	1.50	2.50
	1 72 4	10	2.00	2.00-2.40
		10	2.00	2.00
Slate Roofers				1.50
General common labor	10	10	1.00-1.25	1.00

REMARKS.—No difference is made in the hours of labor in winter and summer. All workmen are employed 10 hours per day, and are paid *pro rata* for their work by contractors; but it is impossible to state rates of the different classes by the hour for special work.

General rate for Charleston per day	\$2.16
General rate for Milwaukee per day	

# CLEVELAND, OHIO.

Report of the standard wages paid per hour to skilled workmen in 1898, in the several branches of the building trades. Reported by G. G. Griese, Secretary Builders' Exchange.

CLASSIFICATION OF MECHANICS.	Hours of Labor Per Day.		Wages	Wagees
	Summer.	Winter.	per hour.	Milwaukee.
Btone Masons Bricklayers. Plasterers. Plasterers. Lathers * Hod Carriers Carpenters: rough regular finishers. Stone-Cutters House Fainters Grainers Fresco Sign. Paperhangers* Decorators Frumbers. Steam Fitters Helpers Helpers Boofers: slate composition gravel Diggers General common labor	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	99999999999999999999999999999999999999	cts. 25-85 30-45 40 15-25 237-5-33 30-45 277-6 40 40 40 25-35 30 40 277-6 30 35-35 30 40 40 40	cta. 40-45 38-40 30-95 297-2 227-2-95 36-30 35-30 35-30 35 35 36 37 38 38 38 38 38 38 38 38 38 38 38 38 38

* Remarks—Lathers receive 2 cents per yard.	Paperhangers work by the roll.
General rate Cleveland, per hour	
General rate for Milwaukee, per hour	

## DENVER, COLORADO.

Report of the standard wages paid per hour and day to skilled workmen in 1893, in the several branches of the building trades. Reported by J. Gregor, Secretary Master Builders' Association.

	Hours o	f Labor Day.	Wages	Wages
Classification of Mechanics.	In Summer.	In Wipter.	per hour and day.	in Milwaukee.
Stone Masons Bricklayers. Plasterers. *Lathers. Hod Jarriers Carpenters- rough regular finishers. Stone Cutters. House Painters. *Grainers.	888888888888888888888888888888888888888	8 8 8 8 8 8 8	cts. 40 50 45 85 \$2.75 2.75 2.75 3.00 4.50 2.75	218. 40 40-45 85-40 221/4 \$1 80-2 00 2 00 2 90-2 40 4 40 2 00-2 40
*Fresco. *Sign Paperhangers Plumbers Steam Fitters Gas Fitters Helpers Tinsmiths. Roofers—slate. composition gravel Diggers General common labor	8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 10	8 00 8 50 8 50 8 50 9 00 3 00 2 50 2 50 2 50 2 00	2 00-2 40 2 80 2 80 2 40 2 00-2 40 2 00-2 50 2 00-2 50 1 50

*Remarks—Lathers work by the piece, as do grainers, sign a	nd fresco painters.	
General rate for Denver, per day		<b>\$3.90</b>
General rate for Milwenkee nor day		40 41

## GRAND RAPIDS, MICHIGAN.

Report of the standard wages paid per hour to skilled workmen in 1898, in the several branches of the building trades. Reported by John H. Hosken, Secretary, Builders' and Traders' Exchange.

_	WAGES OF LABOR PER DAY.				WAGES P	WAGES PER HOUR.	
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	In Summer.	In Winter.	in Milwaukee.		
Stone Masons Bricklayers. Plasterers Lathers. Hod Carriers Carpenters— Rough Regular Finishers Stone Cutters House Painters. Grainers. Fresco. Sign Paperhangers Decorators. Plumbers. Steam Fitters Gas Fitters. Gas Fitters Helpers. Tinamiths Roofers— Slate Gravel Diggers. General common labor.	999999999999999999999999999999999999999		Cts. 85. 440 400 18 200 200 200 200 200 200 200 200 200 20	cta. 80 85 85 85 16 171/2 80 40 177/2 80 177/2 80 177/2 85 22 18 22 18 22 18 22 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 24 18 2	cts. 40 40-45 83-40 80-25 823-4 28-25 27)4-30 5-30 85-30 40 85 85 87 25-80 25-80 15		

REMARKS—The present rates of wages are the result of a strike between stone masons and brick masons, due to proposed reductions from 9 hours to 8 hours per day. The Union scale before the strike was: Stone cutters, stone masons, bricklayers, 45 cents per hour; but the past year (1893) masons have worked for what they could get, some employers taking advantage, have paid very low wages to masons, as low as 25 cents per hour; to common labor as low as 10 cents per hour.

#### JACKSONVILLE, FLORIDA.

Report of the standard wages per hour to skilled workmen in 1893 in the several branches of the building trades. Reported by J. W. White, President American Federation of Labor.

Q		Hours of Labor Per Day.		Wages
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	per hour.	in Milwaukee.
Stone Masons Bricklayers Plasterers Lathers* Hod Carriers Carpenters rough regular finishers Stone Outters House Painters Grainers Fresco Sign* Paperhangers* Decorators* Plumbers Steam fitters Gas Fitters Helpers Tinsmiths Roofers—Slate Diggers General common labor	9		cts. 40 25-80 25-80 10 15 90 85-80 80-80 90 10 20-85 90 10-15	**************************************

REMARES.—*Lathers receive \$1 per M. Sign painters work by the job. Paperhangers and decorators each receive \$1.50 and \$3 per day. Labor is well organized in this city in all the trades. There is an Amalgamated Trades' Council, composed of three delegates from each of the 16 labor organizations. They also have a paper, "The Advocate." There is a large number of men idle here (January, 1894) at present, more especially among the man who came here for the winter.

General rate for Jacksonville, per hour	24.0 cents
General rate for Milwaukee, per hour	29 .6 cents

## KANSAS CITY, MISSOURI.

Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by C. L. McDonald, Secretary, Builders' and Traders' Exchange.

		DAY.	Wages	Wages.	
Classification of Mechanics.	In Summer.	In Winter.	per hour.	in Milwaukee.	
Stone Masons Bricklayers Plasterers Lathers Hod Carriers Carpenters— Rough Regular Finishers Stone Cutters House Painters Grainers Grainers Grainers	10 8 9 9 8 10 10 10 10 9 9	889988888888888888888888888888888888888	cts. 35 50 85 90 22 15 25 27 45 28 35	cts.  40-45 35-40 30-35 2894 2294 25 2774 90 25-30 30-35	
Freeco Sign Paperhangers Decorators Pumbers Steam Fitters Gas Fitters Helpers Tinsmiths Roofers—	9	8888899999	80 40 50 35 89 38 28 06	95-30 40 85 85 80 25-80	
slate. composition gravel Diggers. General common labor.	10 10 10 10 10	9 10 10 8 8	221/6 21 21 15 15	25 20-25 20-25 15 15	

## LOUISVILLE, KENTUCKY.

Report of standard wages paid per hour to skilled workmen in 1893, in the several branches of the building trades. Reported by Leo P. Kaufman, publisher of "Building."

Classification of Mechanics.	Hours of Labor PER DAY.		Wages per hour	Wages
CHESSIFICATION OF MECHANICS.	In Summer.	In Winter	and day.	
Bricklayers	9	9	50 \$8 50 2 00	40-45 \$2 80-3 20
Hod Carriers Carpenters Rough Rogular	9	9	2 00 2 25	1 76 1 80-3 60 2 00
Finishers State Cutters House Painters Plumbers	9	999	2 50-3 75   40   2 25-2 50   80	50
Steam Fitters  Jas Fitters  Helpers	9	9 9 10	80 80 10	85 80 2 00-3 40
Pinsmiths  Roofers—. Slate Composition	10	10 10 10	25-85 1 75	25 2 00-\$ 50
Gravel Diggers General common labor Iron Workers	10	10 10 10 10	1 76 15–16 15 25	2 00-3 50 15 15

General rate for Louisville, per day\$2.	<b>92</b> .
General rate for Milwaukee, per day\$2.	41.

## LOWELL, MASSACHUSETTS.

Report of the standard wages paid per hour to skilled workmen in 1893, in the several branches of the building trades. Reported by C. F. Foss & Co.

CLASSIFICATION OF MECHANICS.	Hours of Labor PER DAY.		Wages per	Wages in
<u> </u>	In Summer.	In Winter.	hour.	Milwaukee
Stone Masons. Bricklayers. Plasterers		9	cts. 39 89-48 85-40	cts. 40 40-45 85-40
Lathers* Hod Carriers Carpenters— Rough	9–10	9–10	25 123 <u>4</u> -20	221/4 221/4-25
Regular Stone Cutters House Painters	9-10 9 10 10	9-10 10 10	15-¥5 42 16-25 25-85	25 50 25- <b>30</b>
Grainers Sign Paperhangers Decorators	9 10 10	9 10 10	80 90-29 95-85	95–30 40
Plumbers Steam Fitters Gas Fitters Helpers	9	9 9	35 80 80 20–23	85 85 80
Tinemiths  Roofers—Slate  Composition.	9 9 10	9 9 10	95 25 20–25	25-80 25 20-25
Gravel Diggers General common labor	13 9 9–10	10 9 9-10	15-90 90 15-90	25-85 15 15

REMARKS.-*Lathers work mostly by the yard.

General rate for Lowell, per hour	.27.4 cents.
General rate for Milwaukee per hour	. 29.6 cents.

## LYNN, MASSACHUSETTS.

Report of the standard wages paid per day to skilled workmen, in 1898, in the several branches of the building trades. Reported by P. S. Curry, Secretary Master Builders' Association.

CLASSIFICATION OF MECHANICS.	Hours o	F LABOR DAY.	Wages	Wages
	In Summer.	In Winter.	per day.	Milwaukee.
Stone Masons. Bricklayers. Plasterers. Lathers* Hod Carriers	999	88888	\$3 50 3 50 3 75 2 50	\$3 20 3 20-3 60 3 80-8 20 1 60-8 60 1 76
Carpenters— Rough Regular Finishers Stone Cutters House Painters Grainers Fresco Sign Paperhangers Decorators Plumbers Steam Fitters Gas Fitters Helpers Thismiths Roofers— Slate Composition Gravel Diggers		00000000000000000000000000000000000000	2 50 2 75 3 00 3 00 2 50 4 50 5 00-6 00 5 00 3 00-4 00 2 75 2 50 1 00 2 75 2 75 2 75 2 75 2 75 2 75 2 75 2 75	2 00-2 40 2 00-2 40 2 00-2 40 3 40-9 80 2 00-2 40 3 30 2 80 2 80 2 80 2 00-2 40

REMARKS.—* Lathers receive \$1.75 per M. This list of prices by the day or job is as near as I could get the facts from the employers of labor. Freeco, grainers, sign painters and decorators all work by the job. Paperhangers by the roll, 10 cents for common paper, a higher rate for fancy paper. Almost all work in Lynn is day work.

General rate for Lynn, per day	\$3 08
General rate for Milwaukee, per day	<b>\$2</b> 41

## MILWAUKEE, WISCONSIN.

Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by Mr. C. F. Kindt.

	HOURS OF LABOR PER DAY.		Wages
Classification of Minchanics.	ln Summer.	In Winter.	per hour.
Stone Masons	. 8 8 8 8	8 8 8 8	cts. 40 40-45 85-40 90-25 2974
Carpenters— Rough Regular Finishers Stone Cutters. House Painters Grainers. *Freeco	88888888	88888	\$27 <u>4</u> 95 \$77 <u>4</u> 80 50 25-80 80-85
*Sign Paperhangers Decorators Plumbers Steam Fitters Gae Fitters +Helpers	8 8 8 8	888888	25-30 40 85 85 86
Tinsmiths	8	8	25-30
Slate Composition Gravel Diggers General common labor.	10 10 10 10 10	8 10 10 10 10	25 20-25 20-25 15 15

REMARKS.—*The fresco and sign painters are paid according to their ability, ranging from 25 cents to 50 cents per hour, with no regular hours of labor. † Helpers for plumbers and gas fitters are apprentices who receive from \$3.00 to \$5.00 per week.

## MINNEAPOLIS, MINNESOTA.

Report of the standard wages paid per hour and day, to skilled workmen in 1893, in the several branches of the building trades. Reported by C. E. Richardson, Secretary Builders' Exchange.

		Hours of Labor per Day.		Wagos
Classification of Mechanics.	In Summer	In Winter.	per hour and per day.	in Milwaukee.
Stone Masons	10 9 8 9	8 9 8 9	cts. 80 45 40 \$1 75	cts. 46 40-45 85-40 \$1 76
Rough Regular Finishers Stone Cutters House Painters Grainers Freeco. Sign Paperhangers Decorators Plumbers.	10 10 10 8 9 8 10 10	9988888888888	2 90 2 25 8 00 60 25 2774 35 8 00 8 50 8 50 40	1 80-2 00 2 00 2 30-8 40 25-30 30-35 2 00-2 40 3 20 3 20
Steam Fitters Gas Fitters Helpets Tinsmiths. Roofers—Slate. Composition. Gravel. Diggers. General common labor.	8 8 8 10 10 10 10 10	8 8 8 10 8 8 8 8	40 40 20 20 20 20 200 200 175 175	2 00-2 40 25 2 00-2 40 2 00-2 50 1 50 1 50

#### NEWARK, NEW JERSEY.

Report of the standard wages paid per hour to skilled workmen in 1693, in the several branches of the building trades. Reported by Chas Hank, Esq.

CLASSIFICATION OF MECHANICS.	Hours of Labor PER DAY.		Wages	Wages
CLASSIFICATION OF MACHINES.	In Summer.	In Winter.	per hour.	Milwaukee.
Stone Macons. Bricklayers. Plasterers Lathers Hod Carriers Carpenters:—Rough Regular. Finishers Stone Cutters House Painters Grainers. Fresco Sign Paperhangers Plumbers Steam Fitters Gasffitters. Holers Tinsmiths	999988999999999999999999999999999999999	Same Same Same Same Same Same Same Same	cts	cts. 40 40-45 35-40 20-25 2214 2274 25 26 2774 30 30-36
R. ofers:—Slate Composition Gravei. Diggers General common labor	9	Same Same Same Same Same	80 2214 2214 18 18	25 20-25 20-26 15 15

4-L.

## NEW HAVEN, CONNECTICUT.

Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by Hon. J. B. Sargent, Mayor.

CLASSIFICATION OF MECHANICS.		F LABOR DAY.	Wages per	Wages
Chaodification of Machanico.	In Summer,	In Winter,	hour.	Milwaukee.
Stone Masons* Bricklayers* Plasterers* Plasterers* Hod Carriers* Stone Cutterst House Painters Grainers Fresco Sign Paperhangers Decorators Plumbers Steam Fitters Gas Fitters Helperst Tinsmiths Diggers General common labor Masons' laborers		88888888888888888888888888888888888888	cta. 48 48 48 48 48 23 28 29 25 27 4 27 5 28 38 5 27 6 38 15	Cta. 40 40 40 45 25 35 40 20 25 30 30 35 30 35 30 35 30 35 35 35 30 35 35 35 35 35 35 35 35 35 35 35 35 35

REMARKS.—*Stone masons, bricklayers, plasterers, lathers and hod carriers work 9 hours per day from March to December; from December to March, 8 hours per day. † "Stone cutters, after May 1, 1894, 8 hours shall be a day's work, and the wages shall be 44 cents per hour, or \$3.50 per day." ‡Helpers to plumbers, steam fitters, gas fitters, are apprentices to those trades.

General rate per hour for New Haven	******* *******************************	28.6 cents
General rate per hour for Milwaukee		39,6 cents

## NEW ORLEANS, LOUISIANA.

Report of the standard wages paid per day to skilled workmen, in 1893, in the several branches of the building trades. Reported by C. E. Dirmeyer, Secretary Mechanics,' Dealers' and Lumbermen's Exchange.

Character on Manager	Hours of Labor PER DAY.		Wages	Wages
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	per day.	Milwaukee.
Bricklayers Plasterers Lathers Hod Carriers	9 9 9	9 9	\$4 00 2 25-8 00 2 75 1 75-2 00	2 80-3 20 1 60-2 00
Carpenters— Rough Regular Finishers Stone Cutters House Painters Plumbers Steam Fitters Gea Fitters Helpers		99999999999	2 25 2 50 3 00 3 15-4 59 2 70 3 50 3 00 1 00	2 00 2 20-2 40 4 00 2 00-2 40 2 80 2 80 2 40
Tinsmiths Roofers— Slate Gravel Diggers General common labor	9 9 9 10 9	9 9 9 10 9	2 50-4 00 2 25-8 00 2 00-8 50 1 50-2 00 1 50	2 00-2 40 2 00 2 00-2 50 1 50

REMARKS.—Hours of labor are the same in summer as in winter. Wages per day are the same in all seasons of the year. I specify piece or job-work, as paperhangers and decorators, fresco painters, grainers and sign painters.

General rate per day for New Orleans	\$2.67
General rate per day for Milwaukee	

## NORFOLK, VIRGINIA.

Report of the standard wages paid per day to skilled workmen in 1893, in the several branches of the building trades. Reported by L. T. Blick & Sons.

CLASSIFICATION OF MECHANICS.	Hours of Per	F LABOR DAY.	Wages per	Wages	
CHARLESTON OF MECHANICS.	In Summer.	In Winter.	day.	Milwaukee.	
Stone Masons	9 9	9 9 9 9	\$8 50 4 00 2 50 1 75 1 75	\$3 20 8 20-3 60 2 80-3 20 1 60-2 00 1 76	
Carpenters— Rough Rogular Finishers Stone Cutters House Painters Grainers Fresco Sign Paper hangers Decorators Plumbers Steam Fitters Gas Fitters Helpers Tinamiths Roofers—	9 9 9 9 10 10 9 9	9 9 9 9 9 9 10 10 10 9 9	2 16 2 45 2 70 8 20 2 25 8 50 8 20 2 25 8 30 2 25 8 30 2 25 8 30 2 25 8 30 2 25 8 30 2 25 8 30 2 25 8 30 8 30 8 30 8 30 8 30 8 30 8 30 8 30	1 60-2 00 2 00 2 20-2 40 4 00 2 00-2 40 2 40-2 30 3 20 2 00-2 40 3 20 2 80 2 80 2 80 2 40	
Slate Gravel	10 10	10 10 10	2 50 2 50 1 25	2 00 2 00-2 50 1 50	

REMARKS.—Hours of labor per day, the same in summer as in winter. None of the branches keep time by the hour except carpenters, the rest pay by the day.

General rate	for Norfolk, per day	2,54
General rate	for Milwaukee, per day	12. 41

## OMAHA, NEBRASKA.

Report of the standard wages paid per hour to skilled workmen in 1998, in the several branches of the building trades. Reported by W. S. Wedge, Secretary Builders' and Traders' Exchange.

		F LABOR DAY.	Wages	Wages
Classification of Mechanics.	In Summer.	In Winter,	per day.	in Milwaukee
			cts.	cts.
Stone Masons	8	8	45	40
Bricklayers*	8	8 8 9	50	40-45
Plasterers	8	8	50	85-40
Lathers			30	20-35
Hod Carriers	8	. 8	221/6	2c3/6
Rough	9	اوا	2716	2216-25
Regular	ة ا	اقا	2712	35
Finishers		j	80	2734-80
Stone Cutters	1 8	Ř	45	50
House Painters	l ŭ	ă	80	25-80
Grainers	ığ	l ă l	85	80-85
Fresco	Ř	l ă l	50	1
· 8ign	l š	Ä	45	
Paperhangers	اتما	Ä	36	25-80
Decorators	ğ	l ă l	85	40
Plumbers	Ř	ا ۾ ا	40	85
Steam Fitters	ı ğ	l ă l	86	85
las Fitters	ğ	l ă l	85	80
Helpers	l a	l ă l	1216	1
Pinsmiths	000000000000000000000000000000000000000	****	′ 80 ⁷⁷⁸	25-80
Boofers-			1	1
Slate	8	18	85	1 25
Composition.	8 8 8	8 8 8	30	20-25
Gravel	l š	l š l	2216	20-25
Jeneral common labor	ă	l š l	2212	15

REMARKS.—Hours of labor per day are the same in summer as in winter. Wages per hour are the same in summer as in winter. *Bricklayers receive 8 hours pay for 7 hours work on Saturday. For all over-time, night-work, work on Sundays and holidays, double time is allowed.

General rate for Omaha, per hour,	34.4 cents.
General rate for Milwaukee, per hour	

## PHILADELPHIA, PENNSYLVANIA.

Report of the standard wages paid per hour to skilled workmen in 1893, in the several branches of the building trades. Reported by William Harkness, Secretary Master Builders' Exchange.

	Hours of Labor per Day.		PER DAY.		AY.	
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	per hour.	Wagos in Milwaukos.		
Stone Masons Bricklayers. Plasterers Lathers. Hod Carriers Carpenters— Rough Regular	9 9 9 9 9	99888	cts. 40 45 40 81 81 80 80	cts. 40 40-45 85-40 30-85 2274-25 2274-25		
Finishers Stone Cutters— Granite	9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9	85-60 85-60 85-60 85-60 85-60 460 83 80 15 85	25-20 30-35 30-35 30-35 25-30 30-35 35 35 35 30 25-30		
Roofers— Slate Composition Gravel. Diggers. General common labor.	9 9 9	9 9 9 9	88 80 80 15 15	25 20-25 20-25 15 15		

REMARKS.—Hours of labor per day, are the same in winter as in summer; wages per hour, the same in winter as in summer. Bricklayers work 5 days of 9 hours, Saturday 5 hours. The same with granite and freestone cutters. Grainers and paper hangers do only piece work. Sign painters do piece work, or at 45 cents per hour.

General rate per hour,	Philadelphia	 	 89,5 cents.
General rate per hour.	Milwaukee	 	 29.6 cents.

## ST. JOSEPH, MISSOURI.

Report of the standard wages paid per hour to skilled workmen in 1898, in the several branches of the building trades. Reported by John De Clen, Secretary Builders' Exchange.

A		DAY.	Wages	Wages
Classification of Mechanics.	In Summer.	In Winter.	per hour.	in Milwaukee.
Stone Masons Bricklayers Plasterers	10 9 10	8 8 8	ets. 80 50 85	cta , 40 40–45 85–40
Hod Carriers	9	8	20	<b>20-25</b>
Carpenters— Rough Regular Finishers Stone Cutters House Fainters Grainers Fresco. †Sign.	10 10 10 8 10 10	8 8 8 8 8 8	20 223/4 20 40 25 35 40	227,4 227,4-25 25 277,4-25 50 25-35 30-35
†Paperhangers. Decorators. Piumbers. Steam Fitters. Gas Fitters. Helpers. Tizamiths. Roofers.	8 9 9		85 85 86 80 15 25	25-80 40 35 50 80 25-85
Slate Composition Gravel Diggers General common labor	10 9 9 8 8	8 8 8 8	85 95 95 1714 1714	25 20-25 20-25 15 15

REMARKS.—*Lathers work by the yard. †Sign painters work by the job. ‡ Paperhang era work by the roll.

General rate per hour, for St. Joseph	29.1 cents.
General rate per hour, for Milwaukee	29.6 cents.

## ST. LOUIS, MISSOURI.

Report of the standard wages paid per day and hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by Richard Walsh, Secretary Builders' Exchange.

Classification of Mechanics.		F LABOR DAY.	Wages	Wages in
CLASSISTATION OF MECHANICS.	In Summer.	In Winter.		Milwaukee.
Stone Masons. Bricklayers Plasterers Plasterers Lathers* Hod Carriers Carpenters Regular Stone Cutters House Painters Plumbers Steam Fitters Gas Fitters Roofers—Slate General common labor	8 8 8		cts. 50 55 50 \$8 00 3 50 8 00 8 00 8 00 1 50–8 00	Cts. 40 40-45 55-40 90-25 \$1.76 2.00-2.40 2.80 2.80 2.80 2.80 2.50

REMARKS.—Hours of labor are the same in winter and in summer. *Lathers are paid by the piece. Hod carriers receive \$3 per day. House painters receive \$3.50 per day. Plumbers receive \$3.50 per day. Steam fitters, gas fitters, each receive \$3 per day. General common labor receives \$1,50 to \$3 per day.

## PUEBLO, COLORADO.

Report of the standard wages paid per hour to skilled workmen in 1893, in the several branches of the building trades. Reported by M. T. Kean, Secretary Master Builders' Association.

Or toother throw on March 1910	Hours of Labor PER DAY		Wages	Wages
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	per hour.	in Milwaukee.
Stone Masons. Bricklayers. Plasterers Lathers Hod Carriers Carpenters—	88 88 88	8 8 8 8	cts. 50 621/2 50 835 85 81	cta. 40 40-45 85-40 20-25 22)/2
Rough Regular Regular Finishers Stone Cutters House Painters Grainers Fresco Sign Papersaugers Decorators Plumbers Steam Fitters Gas Fitters	***************************************	800000000000000000000000000000000000000	85 8714 50 8714 40 40 8714 8714 8714 50 50	25-30 30-35 25-80 35-80 35-80 35-80 35-80 85-80 85-80
HelpersTinsmiths	8	8	25 371/4	25-90
Slate	8 8 10 10	8 8 10 10	8714 80 20 1714-20	25 20-25 15 15

REMARKS.—Hours of labor per day are the same in winter as in summer; wages per hour are the same in winter as in summer. The above is the scale of wages that prevailed in this city during 1898. In all probability this will be reduced somewhat for 1894.

General rate per hour, for Pueblo	88.7 cents.
General rate per hour, för Milwaukee	29.6 cents.

## SAGINAW, MICHIGAN.

Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by J. W. Vance, Secretary Builders' and Traders' Exchange.

		F LABOR DAY.	Wages	Wages.
CLASSIFICATION OF MECHANICS.	In Summer.	In Winter.	per hour.	in Milwaukee.
Stone Masons Bricklayers Plasterers Lathers Hod Carriers	9 9 9 10 9	9 9 9 10 9	cta. 85 39 85 20 16–18	cts. 40 40-45 85-40 90-35 22/4
Pressed Bricklayers Carpenters— Rough Regular Finishers Stone Cutters House Painters Grainers Fresco Sign Paperhangers Decorators Plumbers St am Fitters Gas Fitters Helpers	9 9 9 9 9 9 9 9 9 9-10 9-10 9-10		60 171/2 233/2 35-80 221/2 35 28 28 28 29 29 29 29 21/4-88 13/4-15	22½-25 27½-30 30-35 30-35 30-35 30-35 30-35 30-35
Tinsmiths.  Roofers— Slate Composition Gravel. Diggers General common labor Sash, doors, blinds	10 10 10 10 10 10	10 10 10 10 10 10	20 20 20 19-20 16-18 18-20 20	25-30 20-35 20-35 20-35 15 15

Managano, Jaginaw mas mad a your or undustan	acuticy in building.
General rate per hour for Saginaw	
General rate per hour for Milwaukee.	90 & cents

## ST. PAUL, MINNESOTA.

Report of the standard wages paid per hour to skilled workmen in 1898, in the several branches of the building trades. Reported by Mr. Romaine Sheire, Secretary Builders' Exchange.

••	; Hours o	DAY.	Wages	Wages
CLASSIFICATION OF MECHANICE.	In Summer.	In Winter.	per hour.	in Milwaukee
Stone Masons	10 9 8 10 10	8-10 8 8	Ota.* 221/4-95 40-45 871/4 25 171/4	Cts. 40 40-45 85-40 20-25
Carpentera— Rough Regular Finishers Stone Cutters House Painters Grainers Fresco Sign Paperhangers Decorators Plumbers Stram Fitters Gas Fitters Helpers Tinsmiths	10 10 10 10 10 10 10 10 8 8	888888888888888888888888888888888888888	227/ ₂ 227/ ₂ 217/ ₃ 20 20 30 30 35-30 30-40	25/4-95 25 27/4-90 25-90 30-35 25-50 40 25-30 35-30
Roofers – Slate. Composition. Diggers. General common labor.	10	9 9 9	80 20 15–1714 15–1714	25 20-25 15 15

REMARKS.—*Plumbers receive \$2.50 to \$3.00 per day; the steam fitters the same. Gas fitters receive \$2.50 to \$3.50 per day.

General rate per hour for St. Paul		80.4 cents.
General rate per hour for Milwaukee	• • • • • • • • • • • • • • • • • • • •	29.6 cents-

## SIOUX FALLS, SOUTH DAKOTA.

Report of the standard wages paid per hour to skilled workmen, in 1898, in the severa branches of the building trades. Reported by Hon. Porter P. Peck, Mayor.

CLASSIFICATION OF MECHANICS.	Hours of Labor per Day.		Wages per Hour.		Wages
CHARGE TOTAL OF MEDITATION	In Summer.	In Winter.	In Summer.	In Winter.	Milwaukee.
Stone Masons	9	8	cts. 50	cta.	cts. 40
Bricklayers	9 10	8 8 8	40 35	80 80	40-45 35-40
Lathers	10 10	8	95 1734-90	same	20-85 221/2
Rough	10 10	8	90 80	15 25	98)/ ₄ -95
Finishers Stone Cutters	10	8 8 8	80 50	95 88.me	2734-80
House Painters	10 10	8 8	25 40	same same	25-39 30-85
Sign* Paperhangers	10 10	8	80 40	25 85	25-30
Decorators	10 10	888888	40 85	Same Same	85 85 86
Steam Fitters	10	8	85 20	same	80
Helpers	10 10	8	20 25	same same	25-30
Composition	10 10	8 8 8	40 40	30 80	20- <b>2</b> 5 20-25
Diggers	10 10	8	15 15	15 15	15 15

REMARKS.—*Sign painters receive pay by the job.

## TACOMA, WASHINGTON.

Report of the standard wages paid per hour to skilled workmen in 1988, in the several branches of the building trades. Reported by Mr. Geo. McMurphy, Secretary Trades' Council.

•	Hours of Labor PER DAY.		Wages 1	Wages
Classification of Mechanics.	In Summer.	In Winter.	per hour.	in Milwau kee.
Stone Masons Bricklayers* Plasterers Lathers† Hod Carriers Carpenters—Rough Regular Finishers Stone Cutters; House Painters Fresco Sign Paperhangers	8 8 10 10 29-10 9-10 8 10 10	9 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9	cts. 50 62 50 171-6-221/2 221/2-30 221-6-30 50 10	cts. 40 40-45 35-40 20 25 22/4 22/4 22/4 22/4 22/4 25-30
Decorators Plumbers Steam Fitters Gas Fitters Helpers	8	8	55 60 40 15-20	40 85 85 80
Tinsmiths. Diggers; General common labor;	10	9	871/6 15-221/6	25-30 15 15

REMARKS.—*Union rate. †Lathers 2½ cents per yard. ‡44 hours per week. \$Piece work. ‡20 cents per hour considered the standard.

General rate per hour for Tacome.

## WASHINGTON, D. C.

Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by Thomas J. King, Secretary of Builders' Exchange of the District of Columbia.

	FOURS OF LABOR PER DAY.		Wages per	Wages
CLASSIFICATION OF MECHANICS.	In	In	and	in
	Summer.	Winter.	day.	Milwaukee.
Stone Masons Bricklayers Plasterers Plasterers Lathers Hod Carriers Carpenters Stohe Outters House Painters Grainers* Fresco Sign* Paper hangers* Plumbers Gas Fitters Helpers Tinsmiths Roofers— Slate Tile.	889888888888888888888888888888888888888	හපසනසනසනස	cts.	cts. 40 40 45 \$2.80-3.90 1.60-2.00 1.76 \$5 50 \$2.00-2.40 \$30-35 \$5 90 2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.90 \$2.
Diggers. General common laborers.	10	10	1214	15
	10	10	1214	15

passance.—Granners' sign hannors and hahor nongors work of one broos.	
General rate for Washington, per hour	i,
General rate for Milwaukee, per hour	ı.

## WILMINGTON, DELAWARE.

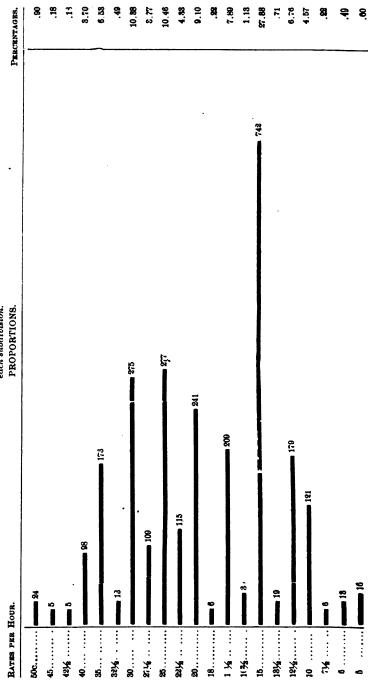
Report of the standard wages paid per hour to skilled workmen, in 1893, in the several branches of the building trades. Reported by Wm. H. Foulk, Secretary Builders' Exchange.

	Hours of Labor per Day.		Wages.	Wages.
Classification of Mechanics.	In Summer.	In Winter.	per hour.	in Milwaukee
			cts.	cts.
Stone Masons	9 9	9	85 45	40-45
Bricklayers			86	85-40
Pia-terers	١ ١	9	25	20-25
Lathers			25	20-25
			20	<del>**</del> /9
Carpenters— Rough		9	20	2216-25
Regular	9	ő	95	25
Finishers	1 6.	5	25 25 86	2714-30
Stone Cutters	هٔ ا	ğ	98	50
House Painters (general)	9	ğ	25	25-80
* Grainers	و ا	و	50	80-85
Fresco	٥	9	50	1
* sign.	· -		-	11
* Paperhangers	l		1	25-80
* Decorators			1	40
Plumbers		9	80	35
Steam Fitters	9	9	28	35 85 80
Gas Fitters	9	9	28	80
Helpers	9	9	28 28 18	II
Tinsmiths (general)	10	9	25 1216	25-30
Diggers	10	9	1216	15
General common laborers	~ 10	9	12	15

REMARKS.—* Grainers, freeco painters, sign painters, paperhangers and decorators receive pay by the piece.

General rate for Wilmington, per hour	28.1 cents
General rate for Milwaukee, per hour	29.6 cents

1893. TABLE II.—Diagram showing rates of wages per hour, the proportion of the whole number employed at each rate specified, together with the percentage of each subdivision. BUILDING TRADES. 1893.



## STATISTICS OF MANUFACTURE.

- I. Classified Daily Wages.
- II. Comparative Total Wages for 1892 and 1893.
- III. Minor Labor in Factories.
- IV. Losses by Fire from 1885 to 1893, inclusive.
- V. Relative Importance of Industries.
- VI. Per Capita Annual Wages-by Industries.

## STATISTICS OF MANUFACTURE.

# LABOR AND WAGES PARTICULARLY DEFINED IN THE STATE OF WISCONSIN.

An examination of the following pages will show the specified wagerates in each industry, the percentage each class bears to the total number employed in that industry, and the proportion of minor labor. By minor labor is meant not necessarily work done by minors, but the term is used to include all persons receiving less than one dollar per day.

Some reports were defective, and a few reached us too late for tabulation and were omitted.

#### AGRICULTURAL IMPLEMENTS AND MACHINERY.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	30	1.14
8 50 but under \$4 00	. 58	2.21
3 00 but under 8 50	.  64	2.44
2 50 but under 8 00	.  2∩5	7.81
2 00 but under 2 50	488	18.96
1 50 but under 2 00	670	25.54
1 25 but under 1 50	705	26.8
1 00 but under 1 25	209	7.90
75 but under 1 00	184	5.10
50 but under 75	77	2.99
Less than 50 cents	2	.07
Totals	2,622	100.00

Minor labor 8 per cent.

## BASKETS.

DASKEIS.		
Classification of daily wages.	Number of persons reported receiving speci- fied wages	Per- centage
\$4 00 and over		
8 50 but under \$4 00		
8 00 but under 8 50	2	1.48
2 50 but under 3 00		.71
2 00 but under 2 50	10 37	7.19
1 25 but under 1 50	19	26.60 13.66
1 00 but under 1 25	20	14.38
75 but under 1 00	18	12.94
50 but under 75	27	19.41
Less than 50 cents	5	8.59
Totals	139	100.00
Minor labor, 85.9 per cent.		
BEEF AND PORK PAC	KING.	
\$4 00 and over	27	2.74
3 50 but under \$4 00	18	1.88
8 00 but under 3 50	20	2.03
2 50 but under 3 00	21	2.13
2 00 but under 2 50	94	9.25
1 50 but under 2 00	428	43.52
1 25 but under 1 50	189	19.22
1 00 Lut under 1 25		8.44
75 but under 1 00	9	7.01
50 but under 75		8.45
Totals	983	100.00
Minor labor, 10.4 per cent.		
BEE HIVES AND SECT	IONS.	<del></del>
\$4 00 and over	1	1.11
8 50 but under \$4 00	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •
3 00 but under 3 50		
2 00 but under 2 50	1 1	1.11 1.11
1 50 but under 2 00	7	8.23
1 25 but under 1 50	9	10.57
1 00 but under 1 25	17	19.99
75 but under 1 00		5.88
_ 50 but under 78	17	19.99
Less than 50 cents	27	81.75
Totals	. 85	100.00
· · · · · · · · · · · · · · · · · · ·	١ ا	

Minor labor, 57.5 per cent.

## BEER AND MALT.

#### (INCLUDING BOTTLING ESTABLISHMENTS.)

•		
\$4 00 and over	129	3.43
3 50 but under \$4 00	87	99.
3 00 but under 3 50	71	1.90
2 50 but under 8 00	846	9.27
2 00 but under 2 50	938	25.13
1 50 hut under 2 00	955	25.59
1 25 but under 1 50	352	9.48
1 00 but under 1 25	337	9.08
75 but under 1 00	155	4.15
50 but under 75	405	10.85
Less than 50 cents	5	.23
Totals	3,780	100.00
<b>I</b>		ı

Minor labor 15.2 per cent.

## BOILER WORKS.

\$4 00 and over	1	.55
3 50 but under \$4 00	ช	1.67
3 00 but under 3 50	1	.55
2 50 but under 3 00	<b>2</b> 8	15.62
2 00 but under 2 50	27	15.06
1 50 but under 2 00	66	36.89
1 25 but under 1 50	29	16.18
1 00 but under 1 25	9	5.09
75 but under 1 00	9	5.09
50 but under 75	6	8.34
Less than 50 cents	• • • • • • • • • •	
Totals	179	100.00

Minor labor, 13.3 per cent.

#### BOOTS AND SHOES.

		1
\$4 00 and over	56	1.61
3 50 but under \$4 00	47	1.35
3 00 but under 8 50	97	2.80
2 50 but under 8 00	283	8.18
2 00 but under 2 50	547	15.81
1 50 but under 2 00	406	11.74
1 25 but under 1 50	476	13.76
1 00 but under 1 25	236	6.79
75 but under 1 00	822	9.81
50 but under 75	818	23.50
Less than 50 cents	174	5.03
Totals	8,457	100.00

Minor labor, 37.8 per cent.

#### BOXES-PACKING.

DOZES-I ROKINO		
Classification of daily wages.	Number of persons reported receiving speci- fled wages.	Per- centage.
\$4 00 and over	7 1 1 13 27 174 94 97 47 90 11	12.47 1.78 1.78 21.38 4.81 30.00 16.84 17.87 16.03 1.96
BOXES — PAPER AND C	IGAR.	
\$4 00 and over  \$ 50 but under \$4 00  \$ 00 but under \$ 50  \$ 50 but under \$ 60  \$ 00 but under \$ 20  \$ 50 but under \$ 20  \$ 50 but under \$ 20  \$ 50 but under \$ 20  \$ 50 but under \$ 10  \$ 75 but under \$ 10  \$ 50 but under \$ 75  Less than 50 cents	7 14 26 18 25 102 109	2.07 4.14 8.29 5.32 7.40 80.19 82.26 8.87
Minor labor, 71.2 per cent.		
BRASS GOODS.		
\$4 00 and over.  3 50 but under \$4 00.  3 00 but under 3 50.  2 50 but under 3 00.  2 00 but under 2 50.  1 50 but under 2 00.  1 25 but under 1 50.  1 00 but under 1 25.  75 but under 1 00.  50 but under 75.  Less than 50 cents.	8 8 18 33 76 136 63 40 19 20	1.86 1.86 4.20 7.70 17.75 31.76 14.71 9.34 4.43 4.67 1.68
Totals	428	100.00

Minor labor, 10.7 per cent.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over		.47
8 00 but under 8 50		.25
2 50 but under 3 00		.78
2 00 but under 2 50		3.5
1 50 but under 2 00		40.8
1 25 but under 1 50		25.78
1 00 but under 1 25	159	12.4
75 but under 1 00	115	8.9
50 but under 75	72	5.64
Less than 50 cents	16	1.25
Totals	1,276	100.00
Minor labor, 15.8 per cent.  BRIDGE WORKS.		
84 00 and over	9	4.36
8 50 but under \$4 00		6.79
3 00 but under 3 50	5	2.43
2 50 but under 3 00	6	2.91
2 00 but under 2 50	15	7 21
1 50 but under 2 00	91	44.1
1 25 but under 1 50	41	19.9
1 00 but under 1 25	14	6.7
75 but under 1 00	5	2.4
50 but under 75	4 2	1.9
	1 2 ,	.9

Minor labor, 4.3 per cent.

Totals .....

## BROOMS, BRUSHES AND BROOM HANDLES.

206

100.00

	•••••
	•••••
6	8.82
8	4.41
1	1.47
23	38.81
9	
20	29.40
6	8.82
68	100.00
	6 3 1 23 9

Minor labor, 38.2 per cent.

#### BUTTER AND CHEESE.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	1	.54
3 50 but under \$4 00	Ī	.54
3 00 but under 3 50	2	1.08
2 50 but under 8 00	16	8.64
2 00 but under 2 50	48	25.92
1 50 but under 2 00		25.88
1 25 but under 1 50		18.90
1 00 but under 1 25	28	12.42
75 but under 1 00		5.40
50 but under 75	. 2	1.08
Less than 50 cents		
Totals	185	100.00

Minor labor, 6.4 per cent.

#### CHAIRS AND CHAIR STOCK.

30	1.07
13	.46
29	1.08
28	1.00
87	8.11
307	10.97
819	29.28
812	29.08
288	10.29
284	10.15
99	8.54
2.796	100.00
	13 29 28 87 307 819 813 288 284

Minor labor, 24.9 per cent.

Note.—Sheboygan Chair Co., Sheboygan, say: "In addition we employ about 186 caners who work by the piece at home, they were paid \$9,056.25.

## CIGARS.

Classification of daily wages.	Number of persons reported receiving speci- fled wages.	Per- centage.
	!	
\$4 00 and over	19	1.99
8 50 but under \$4 00	28	2.94
3 00 but under 3 50	42	4.59
2 50 but under 8 00	77	8.49
2 00 but under 2 50	188	21.05
1 50 but under 2 00		18.67
1 25 but under 1 50		10.30
1 00 but under 1 25		7.47
75 but under 1 00		6.79
		8.94
		8.71
Less than 50 cents	79	0.11
Totals	905	100.00

Minor labor, 24.4 per cent.

## CLOAKS.

14	00	and	over.	• ::	• • • •	••	. •	٠.	 	• •		٠.	 	 ••	• •	• •	 • •	• • •	• • •	••	 ••••
			under																		
			under																		
2	50	but	under	8	00	٠.			 				 	 	.				3		
2			under															10	0		8.
1	50	but	under	2	00	٠.			٠.				 	 				2	5		8.
1	25	but	under	1	50		٠.						 	 				16	8		56.
1			under		25						٠.		 	 	.			18			6.
	75	but	under under	1	00						٠.		 	 	.			72	8		24.
	50	but	under		75			٠.	• •				 	 	.		 				 
Le			50 cent																		
	т	otala													-	_	 _	296	<u> </u>		100

Minor labor 24.8 per cent.

#### CLOTHING,* OVERALLS, SHIRTS.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	53	4.12
8 50 but under \$1 00		1.16
8 00 but under 8 50		8.49
2 50 but under 3 00		2 87
2 00 but under 2 50		5.75
1 50 but under 2 00		8.32
1 25 but under 1 50		11.18
1 00 but under 1 25	230	17.88
75 but under 1 00		19.44
50 but under 75	205	15.94
Less than 50 cents	114	8.86
Totals	1,286	100.00

Minor labor, 44.3 per cent.

* MFRS. NOTES.—E. Katzenstein & Co., Milwaukee, employ 200 hands but do not give rate of wages, therefore not included in classification.

Mahler & Albenberger Co., Milwaukee, say: "Impossible to give figures," (employ 50 hands).

J. H. Rice & Friedmann Co., Milwaukee, say: "We also give employment to many who do work at home, these average about 50 hands and get about \$15,000."

Max Brothers, Milwaukee, employ about 50 hands outside of shop.

Friend Brothers, Milwaukee, say: "Impossible to fill out report blank because any figures that might be given on same could only be based on mere presumption. Most work given outside." (Employ about 70%).)

Marshall Field & Co., Fond du Lac, say: "This plant was established April, 1893. The help was entirely green and this made the wages for each beginner merely nominal, nearly all of them being on piece work." (Employ about 150 hands.)

#### COFFEE AND SPICE MILLS.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	26	26.00
8 50 but under \$4 00		8.00
8 00 but under 3 50	8	3.00
2 50 but under 3 00	8	6.00
2 00 but under 2 50		13.00
1 50 but under 2 00		5.00
1 25 but under 1 50		8.00
1 00 but under 1 25		11.00
75 but under 1 00		2.00
50 but under 75		12.00
Less than 50 cents		11.00
Totals	100	100.00

Minor labor, 25 per cent.

## COFFINS AND BURIAL CASKETS.

\$4 00 and over		
8 50 but under \$4 00		. <b></b> .
3 00 but under 3 50	35	7.69
2 50 but under 3 00	35	7.69
2 00 but under 2 50	57	41.52
1 50 but under 2 00	40	15.38
1 25 but under 1 50	36	9.22
1 00 but under 1 25	33	4.61
75 but under 1 00	34	6.15
50 but under 75	35	7.69
Less than 50 cents		
Totals	307	100.00

Minor labor, 13 8 per cent.

## CONFECTIONERY AND STEAM BAKERIES.

\$4 00 and over	31	8.09
3 50 but under \$4 00	18	1.81
8 00 but under 8 50	13	1.20
2 50 but under 8 00	42	4.71
2 00 but under 2 50	64	7.87
1 50 but under 2 00	86	10.03
1 25 but under 1 50	60	6.89
1 00 but under 1 25	58	6.04
. 75 but under 1 00	48	5.44
50 but under 75	179	21.27
Less than 50 cents	266	81.79
Totals	862	100.00

Minor labor, 58.3 per cent.

#### COOPERAGE.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
<b>21</b> 00 and ann	25	.82
\$4 00 and over		.89
8 00 but under \$ 50		1.02
2 50 but under 8 00	1	1.78
2 00 but under 2 50	1	7.50
1 50 but under 2 00		26.16
1 25 but under 1 50		31.87
1 00 but under 1 25		13.34
75 but under 1 00		9.64
50 but under 75	184	7.81
Less than 50 cents		.51
Totals	1,784	100.00

Minor labor, 17.4 per cent.

## COTTON AND LINEN MILLS.

\$4 00 and over	1	.19
3 50 but under \$4 00	$ar{2}$	. 39
3 00 but under 3 30	4	.79
2 50 but under 3 00	8	.59
2 00 but under 2 50	13	2.58
1 50 but under 2 00	84	6.77
1 25 but under 1 50	87	7.37
1 00 but under 1 25	132	26.29
75 but under 1 00	150	29.88
50 but under 75	112	22.31
Less than 50 cents	14	2.78
Totals	502	100.00

Minor labor, 44.9 per cent.

## CRIBS, CRADLES, COTS.

	1	1	
<b>\$4</b> 00 and over		2	4.54
	00		2.27
8 00 but under 8	50		
2 50 but under 8	00		
2 00 but under 2	50	1	2.27
1 50 but under 2	00	8	18.17
1 25 but under 1	50		13.63
1 00 but under 1	25	8	6.81
	00		27.26
50 but under	75		. <b></b>
Less than 50 cents.		11	24.99
Totals		44	100.00

# STONE, GRANITE, MARBLE.

STONE, GRANITE, M	ARBLE.	
Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over 3 50 but under \$4 00. 3 00 but under 3 50. 2 50 but under 3 00. 2 00 but under 2 50. 1 50 but under 2 00. 1 25 but under 1 50. 1 00 but under 1 25.	21 44 17 50 96 146 100	4.85 9.12 3.52 10.87 19.19 80.28 20.74
75 but under 1 00	5 3	10.37 6.22
Totals	482	100.00
Minor labor, 16.5 per cent.		
DAIRY IMPLEMENT	<b>rs</b> .	
\$4 00 and over  \$ 50 but under \$4 00  \$ 00 but under \$ 50  \$ 50 but under \$ 300  \$ 00 but under \$ 250  \$ 50 but under \$ 2 00  \$ 25 but under \$ 1 50  \$ 1 00 but under \$ 1 25  \$ 75 but under \$ 1 90  \$ 50 but under \$ 75  Less than 50 cents	3 2 4 24 38 26 16 6 4	2.38 1.58 3.17 19.04 30.15 20.63 12.69 4.76 3.17
Totals	126	100.00
Minor labor, 8.6 per cent.  DISTILLING, BOTTLING MEDI		F 61
\$4 00 and over	18 2 15 10 21 77 52 18 80 26	5.01 .77 5.79 3.86 8.01 29.73 20.07 5.01 11.58 10.03
Totals	259	100.00
	1	

Minor labor 21.5 per cent.

## DRUGS AND CHEMICALS.

Dicodo And Clemica		
Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	1	2.56
8 00 but under 8 50		
2 50 but under 8 00	1 8 18	2.56
2 00 but under 2 50	18	7.69 33.33
1 50 but under 2 00	18	20.51
1 00 but under 1 25	10	25.64
75 but under 1 00	1	2.56
50 but under 75	2	5.12
Less than 50 cents		
Totals	89	100.00
Minor labor, 7.6 per cent.  ELECTRICAL AND GAS FITTIN	G SUPPLIES.	
<b>\$4</b> 00 and over	10	2.51
3 50 but under \$4 00		2.26
8 00 but under 8 50	9	2 26
2 50 but under 8 00	87	9.29
2 00 but under 2 50	58 95	14.56 23 86
1 95 hut under 1 50		11.80
1 25 but under 1 50	27	6.78
75 but under 1 00	32	8.03
50 but under 75	57	14.32
Less than 50 cents	17	4.27
Totals	398	100.00
Minor labor, 26.5 per cent.  ELECTRIC LIGHTING, POWER, ST	REET RAILWA	YS.
	1	
\$4.00 and over	13	1.03
8 50 but under \$4 00	6 17	.47 1.35
2 50 but under 8 00	88	8.02
2 00 but under 250	64	5.18
2 00 but under 250	1004	79.84
1 25 but under 1 50	81	6,44
1 00 but under 1 25	20	1.59
75 but under 100		.71
50 but under 75		.31
LACOD VIISH OU COMOS		

1256

100.00

Minor labor 1.2 per cent.

# ELEVATORS-(Passenger, Freight.)

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	2	2.9
3 50 but under \$1 00	4	5.8
3 00 but under 3 50	4	5.8
2 50 but under 3 00	6	8.8
2 00 but under 2 50	27	89.6
1 50 but under 2 00	10	14.7
1 25 but under 1 50	5	7.3
1 00 but under 1 25	5	7.3
75 but under 1 00	8	4.4
50 but under 75ess than 50 cents	2	2.94
Totals	68	100.00
3 50 but under \$4 00.         3 00 but under \$50.         2 50 but under \$00.         2 00 but under \$2 50.         1 50 but under \$2 00.         1 25 but under \$1 50.         1 00 but under \$1 25.         75 but under \$1 00.	1 1 7 13 90 19	1.14 1.14 1.14 8.04 14.93 84.47 21.76
50 but under 75	6	6.89
Totals.	87	100 00
lotais	61 i	100 00
Minor labor, 14.8 per cent.		
FLOUR AND FEED.	•	
	1	
4 00 and over	81	3.98

	-	i
\$4 00 and over	81	3.96
8 50 but under \$4 00	40	1.96
8 00 but under 3 50	89	4.38
2 50 but under 3 00	170	8.87
2 00 but under 2 50	245	12.06
1 50 but under 2 00	828	40.76
1 25 but under 1 50	859	17.67
1 00 but under 1 25		5.31
75 but under 1 00	68	8.10
50 but under 75	18	.88
Less than 50 cents	10	.49
Totals	2,081	100.00
		l

Minor labor, 4.3 per cent.

# FURNITURE, UPHOLSTERY. (NOT INCLUDING CHAIRS)

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	25	.85
3 50 but under \$4 00	17	.64
3 00 but under 8 50	57	2.17
2 50 but under 8 00	109	4.10
2 00 but under 2 50	270	10.29
1 50 but under 2 00	281	10.70
1 25 but under 1 50	690	26.80 28.9
1 00 but under 1 25	629 196	25.9 7.2
75 but under 1 00	293	11.1
Less than 50 cents		2.18
Totals	2,628	100.00
Minor labor, 20.4 per cent.  FURS, GLOVES, MITTEN	S, ETC.	
\$4 00 and over	2	.87
3 50 but under \$4 00	$\tilde{\mathbf{z}}$	.87
8 00 but under 8 50	12	5.28
2 50 but under 3 00	16	6.98
2 00 but under 2 50	25	10.9
1 50 but under 2 00	25	10.9
1 25 but under 1 50	81	18.5
1 00 but under 1 25	59	25.7
75 but under 1 00	41 12	17.90
Less than 50 cents	4	5.25 1.74
Totals	225	100.00
Minor labor, 24.8 per cent. GAS LIGHT.		
	10	.20
\$1.00 and over		.80
\$4 00 and over	4	
3 50 but under \$4 00	. 4	1.40
3 50 hut under \$4 00		
8 50 hut under \$4 00	7 46 92	9.20 18.5
3 50 hut under \$4 00	7 46 92 260	9.24 18.5 <b>52.</b> 8
3 50 but under \$4 00	7 46 92 260 24	9.24 18.5 52.3 4.8
3 50 hut under \$4 00. 3 00 but under 8 50	7 46 92 260 24	9.24 18.5 52.3 4.8
3 50 but under \$4 00. 3 00 but under 8 50	7 46 92 260 24	9.24 18.5 52.8 4.8 1.8
3 50 hut under \$4 00. 3 00 but under 3 50. 2 50 but under 3 00. 2 00 but under 2 50. 1 50 but under 2 00. 1 25 but under 1 50. 1 00 but under 1 25. 75 but ur.der 1 00. 50 but under 75.	7 46 92 260 24	9.25 18.51 52.31 4.83 1.81
3 50 hut under \$4 00. 3 00 but under 3 50. 2 50 but under 3 00. 2 00 but under 2 50. 1 50 but under 2 00. 1 25 but under 1 50. 1 00 but under 1 25. 75 but under 1 00.	7 46 92 260 24	1.4( 9.20 18.5] 52.3; 4.8; 1.8;

Minor labor, 10.1 per cent.

#### GLASS WORKS-BOTTLES.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	15	26.88 1.15 1.58 5.76 2.30
1 50 but under 2 00	22 30	8.4 11.5 42.2
Less than 50 cents		100.0

Minor labor, 42.2 per cent.

#### HARDWARE SPECIALTIES.

\$4 00 and over	8	1.94
8 50 but under \$1 00	5	1.21
8 00 but under 8 50	5	1.21
2 50 but under 3 00	35	8.50
2 00 but under 2 50	57	13.85
1 50 but under 2 00	92	22.36
1 25 but under 1 50	82	19.98
1 00 but under 1 25	49	11.91
75 but under 1 00	25	6.07
50 but under 75	49	11.91
Less than 50 cents	8	.74
Total	410	100.00

Minor labor, 18.3 per cent.

### HATS AND CAPS.

\$4 00 and over		2	2.98
	<b>81</b> 00	11	16.41
	8 50	ī	1.49
	3 00	4	5.96
2 00 but under	2 50	5	7.46
1 50 but under	2 00	10	14.92
	1 50	7	10.44
	1 25	5	7.46
	1 00	12	17.90
	75	10	14.92
	8		
Totals	······i	67	100.00

Minor labor, 32.8 per cent.

## INVALID FOOD.

INVALID FOOD.		
Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	10 80 40	11.11 38.88 44.44 11.11 100.00
INTERIOR AND EXTERIOR W	OOD WORK.	
\$4 00 and over.  3 50 but under \$4 00.  3 00 but under 3 50.  2 50 but under 3 00.  2 00 but under 2 50.  1 50 but under 2 50.  1 25 but under 1 50.  1 00 but under 1 25.  75 but under 1 00.  50 but under 75.  Less than 50 cents	20 98 82 134 107 70 47 31	.87 .70 2.80 15.61 13.68 22.80 18.06 11.57 7.54 4.78 1.57
Minor labor, 13.7 per cent.		·
IRON WORKS—MALLE	ABLE.	
\$4 0') and over.  3 50 but under \$4 00.  3 60 but under 3 50.  2 50 but under 2 50.  1 50 but under 2 50.  1 25 but under 1 50.  1 00 but under 1 25.  75 but under 1 00.  50 but under 75.  Less than 50 cents.	9 26 417 175 125 121 105 85	.77 .19 .87 2.58 40.71 17.08 12.20 11.81 10.25 8.41 .09
TOTALS	1,024	100.00

Minor labor, 18.6 per cent.

## IRON WORKS-PIG.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over.  \$50 but under \$4 00.  \$00 but under \$ 3 50.  \$50 but under \$3 00.  \$2 00 but under \$2 50.  \$1 50 but under \$2 00.  \$1 25 but under \$1 50.  \$1 00 but under \$1 25.  \$75 but under \$1 00.  \$50 but under \$75.  Less than 50 cents.	8 5 16 96 6 7 1 8	2.11 3.52 3.52 11.26 67.60 4.23 4.92 2.11
	142	100.00
Minor labor, 7.7 per cent.  KNIT GOODS.		
\$4 00 and over.  \$ 50 but under \$4 00.  \$ 00 but under \$ 50.  \$ 50 but under \$ 00.  \$ 00 but under \$ 00.  \$ 1 25 but under \$ 2 00.  \$ 1 25 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under \$ 1 50.  \$ 1 50 but under	60 119 311 350 818	1.77 .66 1.00 2.00 2.22 3.99 5.00 9.99 25.9 20.8 26.5
Minor labor, 74.3 per cent.		
LAUNDRIES-STEA	M.	
4 00 and over 3 50 but under \$4 00 3 50 but under 3 50 2 50 but under 3 00 2 (10 but under 2 50 1 50 but under 2 00 1 25 but under 1 50 1 00 but under 1 25	5 15 15 56 47 159	
75 but under 1 00		1.8

Minor labor, 47.6 per cent.

### LEATHER, (SCRAP).

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
4 00 and over		
3 50 but under \$4 00		
3 00 but under 3 50	2	.8
2 50 but under 3 00		
2 00 but under 2 50		
1 50 but under 2 00	2	.8
1 25 but under 1 50		
1 00 but under 1 25	21	8.7
75 but under 1 00		
50 but under 75		89.5
Less than 50 cents		
Totals	240	100.0

Minor labor, 89.5 per cent.

### LITHOGRAPHING AND ENGRAVING.

\$4	00	and over		69	18.55
3	50	but under	<b>\$</b> 4 00	84	6.67
8			8 50	47	9.23
2	50	but under	8 00	80	5.89
2	00	but under	2 50	86	7.07
1	50	but under		88	7.46
1	25	but under	1 50	26	5.10
1	00	but under	1 25	30	5.89
	75	but under		46	9.08
	50	but under		95	18.65
L	288	than 50 cen	ts	58	11.89
	T	otals		509	100.00

Minor labor, 38. per cent.

## LUMBER, LATH, SHINGLES.

		1
\$4 00 and over	508	2.29
3 50 but under \$4 00	274	1.25
8 00 but under 8 50	891	1.78
2 50 but under 3 00		8.91
2 00 but under 2 50		8.41
1 50 hut under 2 00		40.05
1 25 but under 1 50		28.42
1 00 but under 1 25		10.64
75 but under 1 00		2.05
50 but under 75	182	.88
Less than 50 cents	24	.10
Totals.	21,855	100.00
		l

Minor labor, 2.9 per cent.

REMARKS.—The exhibit on the four pages following may be regarded as an epitome of the lumber industry in the state of Wisconsin. Nor should it be overlooked that much of its value comes from the skilled hand of the book keeper.

#### THE PESHTIGO LUMBER CO.

PESHTIGO, WIS., January 16, 1891.

J. Dobbs, Esq., Madison.

Dear Sir—Inclosed please find our salary and wage list for 1893.

Very truly yours,

THE PESHTIGO LUMBER CO., By Wm. Ellis, Jr., Cashier.

#### Statement showing salaries and wages paid in 1893.

General salaries.	Salary.	Perquisites.
Secretary and treasurer. Logging superintendent. Cashier. Steam mill foreman Harbor house keeper. Harbor master. Steam mill engineer Water mill foreman Book keeper in office. Assistant book keeper and store cashier.	1,680 00 1,800 00 1,300 00 1,400 00 1,100 00 1,400 00 1,200 00	House and horse. Board of family. Llouse and horse. Board, sawing season. House.
Head clerk in store	1,000 00 600 00	
Total general salaries	\$19,780 00	•

# Employes at work all of year.

Occupation.	No. men.	Wages per day.
Blacksmith shop foreman	1 2 1	\$2 50 2 25 2 00
Machine shop foreman	1	3 25
Machine shop helper Barn foreman (Sundays included)	1	2 25 1 85
Coachman (Sundays included)	1	1 50 1 92
Clerks in village store.  Clerk in village store (girl)	2	1 73
Clerk in harbor store (porter during sawing sea		
son incl )	1 2	2 78 1 25
Grist mill. Watchman.	1 1	1 34
Harness makerLumber yard foreman	1	1 50 2 28
Delivery man in village store	i	1 65
Delivery boy in village store Laborer in barn	1 1	1 25 1 25
Total average per day, \$1.81	22	89.78

# Labor employed part of year.

Sawing season.	No. men.	Wages per day.
Foreman upper boom. Foreman lower boom. Foreman harbor boom. Scaler of rafted logs Engineer on locomotive. Fireman on locomotive. Conductor on railroad. Car greaser Track foreman Track laborers. Track laborers Boom laborers Ship carpenters Lumber yard village Loading barges Water mill crew Steam mill crew	1 1 1 1 1 1 1 1 1 2 45 1 15 50 101	\$3 75 2 50 2 25 2 27 2 75 1 50 2 00 1 75 1 50 1 25 1 40 1 25 1 42 1 51 1 51
Total	852	1 58

Logging season.	No. men.	Wages per month.*
Camp, foremen	8	\$50 00 40 00
Cooks (Sundays included)	7 8 172	35 00 26 00 26 00
Sawyers, eto Chainers and swamper. Chainers and swamper.	110 25 11	24 00 22 00 20 00
Chainers and swamper	1 1 9	16 00 18 00 22 00
Cookies	8	20 00
Total	856 	\$25 45
Jobbers, scalers, etc	21 149	\$35 00 \$3 70 p.day.

^{*}With board included.

## Statement of Salaries-Continued.

Mill Hands Sawing Season of 1898.	Total No.	Steam No.	Wages.	Water No.	Wages
Circular filers	2	1	<b>\$4</b> 00	1	\$3 50
Band saw filer	1 1		Ī	1 1	5 00 3 50
Band saw sawyer	5	2	8 50	2	8 124
Circular sawyers  Millwrights	2	l ĩ	8 25	ı î	2 25
Assistant millwrights	2	l i	2 25	i	2 00
Gang filer	ĩ	i	2 65	•	~ 00
Blacksmith	ī	l î	2 50		
Time   eeper	ī	l ī	2 42		
Filer of lath and picket saws	2	1	2 15	1	2 50
Circular saw setters	5	2	2 42	8	2 11
Second engineer	1	1	2 08		
Running edgers	8	1	2 00	2	1 75
Running edgers	2	1	1 80	1	1 50
Fireman.	1	1	1 65		
Assistant filers	1	1	1 80		
Scalers	8	1	2 85	2	1 60
Watchmen	2	1	2 90	1	1 50
Clearing gangs	6	6	1 76		
Attendant fire pump	1	1	1 72	_	
Working on trimmers	10	4	1 65	6	1 50
Doggers on circulars	5	2	1 66	3	1 58
Behind circulars	. 10	7	1 66	8	1 58
Dogging logs	2	1	1 42	1	2 66
Rolling logs on carriages	7	4	1 58	8	1 42
Running splitters	2 2	2 2	1 64		l
Tail sawyers for gang	6	2	1 58 1 50	4	1 38
Lath pullers. Shifting lumber from band saw			1 30	1	1 50
Bolt pullers,	Ê	2	1 42	4	1 38
Greasers	2	l ĩ	1 50	l ī	1 58
Barnman	ĩ	Ìī	1 50	_	
Yard man	1	1	1 50	Į.	ļ
Clearing splitters	8	2	1 42	1	1 58
Clearing trimmers	4	2	1 38	2	1 42
Clearing edgers	7	3	1 42	4	1 58
Clearing conveyors	2	2	1 42	1	J
Running slab saw	6	4	1 42	2	1 46
Cutting edgings	5	4	1 42	1	1 34
Shoving pickets	1	_1	1 00		
Laborers, men	50	82	1 48	18	1 84
Laborers, boys	15	6	1 00	<b>9</b>	75
Laborers, boys	4	4	1 27		i`
Teamsters	9	6	1 42	8	1 58
Tying lath	6	2	1 42	4	1 04
Slab man	16 6	7   2	1 42 1 42	9 4	1 34
Totals	229	128	\$1 58	101	\$1 51

### MACHINE SHOPS, STEAM ENGINES, IRON FOUNDERS.

MACHINE SHOPS, STEAM ENGINES,	TRON FOUNDE	.no.
Classification of daily wages.	Number of persons reported receiving speci- fled wages.	Per- centage.
\$4 00 and over	127	2.52
8 50 but under \$4 00	97	1.92
8 00 but under 8 50	204	4.05
2 50 but under 3 00	675	13.11
2 00 but under 2 50	1,812	26.08
1 50 but under 2 00	1,081	20.49
1 25 but under 1 50	814	16.08
1 00 but under 1 25		6.56
75 but under 1 00	195	3.87
50 but under 75	200	3.97
Less than 50 cents	46	.89
Totals	5 080	100.00
Minor labor, 8.7 per cent.  MATCHES.		
\$4 00 and over	2	.40
3 50 but under \$4 00	2	.40
8 00 but under 3 50		
2 50 but under 3 00	5	1.10
2 00 but under 2 50	6	1.42
1 50 but under 2 00	37	8.80
1 25 but under 1 50	79	18.80
1 00 but under 1 25	34	8.09
75 but under 1 00	54	12.86
50 but under 75	159	37.84
Less than 50 cents	42	9.99
Totals	420	100.00
Minor labor, 60.5 per cent.		
MATRESSES AND BEDI	DING.	
\$4 00 and over	19	1.25
8 50 but under \$4 00	19	1.25
8 00 but under 8 50	27	3,76
2 50 but under 8 00	33	5.64
2 00 but under 2 50	<b>48</b>	10.34
1 50 but under 2 00	72	20.99
1 25 but under 1 50	57	13.16
1 00 but under 1 25	68	16.61
75 but under 1 00	45 55	10.65 12.53
50 but under 75	27	8.76
TICOD MICH OF CCHICA		1

100.00

482

Minor labor, 26.9 per cent.

## MILLINERY.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	7	1.56
8 50 but under \$4 09	6	1.34
3 00 but under 3 50	7	1.56
2 5:) but under 8 90	12	2.69
2 00 but under 2 50	18	2.90
1 50 but under 2 00	, <b>86</b> (	19.28
1 25 but under 1 50	110	24.60
1 00 but under 1 25	41	9.17
75 but under 1 00	165	36.91
50 but under 75		
Less than 50 cents		
Totals	447	100.00
Minor labor, 36.9 per cent.		
MINING-IRON, LEAD AN	D ZINC.	
\$1 00 and over	8	8.00
8 50 but under \$4 00		
8 00 but under 3 50.		·· • · · · · · · · ·
2 50 but under 8 00	2 4	2 00 4.00
2 00 but under 2 50	4	
1 50 but under 2 00	89	89.00
1 25 but under 1 50		::
1 00 but under 1 25	2	2.00
75 but under 1 00		
Less than 50 cents		· · · · · · · · · · · ·
Totals	100	100.00
Minor labor, none.		
	1 4 0 0 0	
PAINTS, OILS AND GRE	14565.	
\$4 00 and over	16	
\$4 00 and over	16 1	.64
\$4 00 and over	16 1 2	.64 1.29
\$4 00 and over	16 1 2 4	.64 1.29 2.58
\$4 00 and over	16 1 2 4 2	.64 1.29 2.58 1.29
\$4 00 and over	16 1 2 4 2 66	.64 1.29 2.58 1.29 43.57
\$4 00 and over	16 1	.64 1.29 2.58 1.29 43.57 19.35
\$4 00 and over	16 1 2 4 2 66 30 20	.64 1.29 2.58 1.29 43.57 19.35
\$4 00 and over	16 1 2 4 2 66 80 20 10	.64 1.29 2.58 1.29 43.57 19.35 12.90 6.45
\$4 00 and over	16 1 2 4 2 66 80 20 10 4	10.32 .64 1.29 2.58 1.29 43.57 19.35 12.90 6.45 2.58

Minor labor, 9. per cent.

PAILS, WASHTUBS.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
4 00 and over	1	.40
8 50 but under \$4 00	5	2.34
2 50 but under 3 00	10	4.69
2 00 but under 2 50	15	7.04
1 50 but under 2 00	14	6.68
1 25 but under 1 50		18.77
1 00 but under 1 25	68 84	29.57 16.07
75 but under 1 00	29	14.6
ess than 50 cents	2 2	.98
Totals	218	100.00
Minor labor, 31.6 per cent.		
PAPER AND PULF	),	
4 00 and over	38	1,1
8 50 but under \$4 00	10	.30
8 00 but under 8 50	181	4.0
2 50 but under 3 00	99	3.0
2 00 but under 2 50	179	5.5 81.1
1 50 but under 2 00	1,011 715	22 9
1 00 but under 1 25	830	10.1
75 but under 1 00	575	17.7
50 but under 75	180	4.0
ess than 50 cents	26	.8
Totals	3,244	100.0
Minor labor, 22.5 per cent.	· · · · · · · · · · · · · · · · · · ·	<del>'</del>
Billiot labor, 22.5 per cent.		
POTTERIES.		
POTTERIES. 4 00 and over	2	2.8
POTTERIES.  4 00 and over		  •••••••
POTTERIES.  4 00 and over		2.9
POTTERIES.  4 00 and over	2 3 8	2.8 3.5 9.5
POTTERIES.  4 00 and over	2 3 8 19	2.9 3.5 9.5 28.6
POTTERIES.  4 00 and over 3 50 but under \$4 00	2 3 8 19 11	2.9 3.5 9.5 29.6 13.0
POTTERIES.  4 00 and over  3 50 but under \$4 00	2 3 8 19 11	2.3 3.5 9.5 22.6 13.0
POTTERIES.  4 00 and over  3 50 but under \$4 00	2 3 8 19 11 9 6	2.8 3.5 9.5 29.6 13.0 10.7
POTTERIES.  4 00 and over  3 50 but under \$4 00	2 3 8 19 11	2.3 3.5 9.5 28.6 13.0 10.7 7.1 20.2

Minor labor, 85.6 per cent.

#### PRINTERS' SUPPLIES.

Classification of daily wages.	Number of persons reported receiving speci- fied wages	Per- centage.
\$4 00 and over	5	2.61
8 50 but under \$4 00	8	1.57
8 00 but under 8 50	5	2.61
2 50 but under 8 00	6	8.14
2 00 but under 2 50	12	6.28
1 50 but under 2 00	35	18.32
1 25 but under 1 50	38	19.89
1 00 but under 1 25	86	18.84
75 but under 1 00	24	12.56
50 but under 75	17	8.89
Less than 50 cents	10.	5.28
Totals	191	100.00

Minor labor, 24.6 per cent.

# PRINTING, PUBLISHING, BOOKBINDING.

		1
\$4 00 and over	180	4.95
3 50 but under \$4 09	66	2.51
3 00 but under 8 50	151	5.75
2 50 but under 3 00	295	11.24
2 00 but under 2 50	360	18.72
1 50 but under 2 00	854	18.49
1 25 but under 1 50	179	6.82
1 00 but under 1 25	280	8.76
75 but under 1 00	250	9.58
50 but under 75	819	12.16
Less than 50 cents	289	11.01
Totals	2,628	100.00
· .		

Minor labor, 82 6 per cent.

#### PROVISIONS.

\$4 00 and over		
3 50 but under \$4 00		
3 00 but under 8 50	2	4.16
2 50 but under 4 00	2	4.16
2 00 but under 2 50	4	8.88
1 50 but under 2 00	<u> </u>	12.49
1 25 but under 1 50	6	12.49
1 00 but under 1 25	5	10.41
75 but under 1 00	6	12.98
50 but under 75	16	28.82
Less than 50 cents	1	2.08
Totals	49	. 100.00

Minor labor, 38.2 per cent.

#### RAILWAY SHOPS.

Classification of daily wages.	Number of persons reported receiving speci- fied wages	Per- centage.
\$4 00 and over	52	.84
8 50 but under \$4 00		4 88
3 00 but under 3 50	189	2.08
2 50 but under 3 00	658	10.78
2 00 but under 2 50	1,273	20.78
1 50 but under 2 00		35.99
1 25 but under 1 50	1,805	21.28
1 00 but under 1 25	101	1.64
75 but under 1 00		.89
50 but under 75		.29
Less than 50 cents		.36
Totals	6,131	100 00

# Minor labor, 1.4 per cent.

### REFRIGERATORS.

\$4 00 and over	2	.47
8 50 but under \$4 00		
8 00 but under 3 50	7	1.66
2 50 but under 8 00	18	8.08
2 00 but under 2 50	28	5.46
1 50 but under 2 00	71	16.86
1 25 but under 1 50	180	80.87
1 00 but under 1 25	89	21.19
75 but under 1 00	34	8.0
50 but under 75	41	9.7
Less than 50 cents	11	2.6
Totals	421	100.0

Minor labor, 20.3 per cent.

# ROLLING MILLS.

\$4 00 and over.  8 50 but under \$4 00.  8 00 but under 3 50.  2 50 but under 2 50.  1 50 but under 2 00.  1 25 but under 1 50.  1 00 but under 1 25.  75 but under 1 00.  50 but under 75.	76 38 87 84 137 811 818 66 21	6.60 3.30 7.50 7.30 11.90 27.00 27.70 5.70 1.80
Less than 50 cents	• • • • • • • • • • • • • • • • • • • •	•••••
Totals	1,147	100.00

100.00

4,171

### ROPE, TWINE AND CORDAGE.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
4 00 and over	1	
3 50 but under \$4 00	[	
3 00 but under 3 50		
2 50 but under 8 00		.28
2 00 but under 2 50	3 3	.75
1 25 but under 1 50	4	.75 1.14
1 00 but under 1 25	2	.57
75 but under 1 00		8.14
50 but under 75		.75
Less than 50 cents	9	2.57
Totals	36	100.00
Minor labor, 64.8 per cent.  SADDLERY, HARNESS, WI	HIPS, ETC.	•
4 00 and over	1	82
3 50 but under \$4 00	8	96
8 00 but under 8 50	5	1.60
2.50 hut under 3.00	. 10	3.21
2 00 but under 2 50	20	6.43
2 00 but under 2 50	30	9.64
1 25 but under 1 50	22	7.0
1 00 but under 1 25	81 50	9.96
50 but under 75	72	16.07 23.14
Less than 50 cents	67	21.54
Totals	311	100.00
30. 11. 00.5		<u> </u>
Minor labor, 60.7 per cent.  SASH. DOORS, BLINDS, PLA	NING MILL	
SASH, DOORS, BLINDS, PLA	1	
SASH, DOORS, BLINDS, PLA	26	.68
SASH, DOORS, BLINDS, PLA 4 00 and over	26 85	.84
SASH, DOORS, BLIND3, PLA 4 00 and over	26 85 79	.84 1.89
SASH, DOORS, BLINDS, PLA  4 00 and over	26 85 79 241	.84 1.85 5.36
SASH, DOORS, BLINDS, PLA  4 00 and over  3 50 but under \$4 00	26 85 79 241 685	.84 1.81 5.30 15.20
SASH, DOORS, BLINDS, PLA  4 00 and over 3 50 but under \$4 00 8 00 but under 3 50 2 00 but under 8 00 1 50 but under 2 00 1 25 but under 1 50	26 85 79 241 685 1,048	1.89 1.89 5.30 15.20 24.00
SASH, DOORS, BLINDS, PLA  84 00 and over 3 50 but under \$4 00 3 00 but under 3 50 2 50 but under 8 00 2 00 but under 2 50 1 50 but under 2 00 1 25 but under 1 50 1 00 but under 1 25	26 85 79 241 685 1,048 868 588	
SASH, DOORS, BLIND3, PLA  4 00 and over 3 50 but under \$4 00 3 00 but under 3 50 2 50 but under 8 00 2 00 but under 2 50 1 50 but under 2 50 1 25 but under 1 50 1 00 but under 1 25 75 but under 1 00	26 85 79 241 685 1,048. 868 588 310	.84 1.81 5.36 15.26 24.06 20.67 12.86 7.49
SASH, DOORS, BLINDS, PLA  84 00 and over 3 50 but under \$4 00 3 00 but under 3 50 2 50 but under 8 00 2 00 but under 2 50 1 50 but under 2 00 1 25 but under 1 50 1 00 but under 1 25	26 85 79 241 685 1,048 868 588 810 296	.8- 1.8: 5.3: 15.2: 24.0: 20.6: 12.8:

Minor labor, 16.8 per cent.

#### SCREEN DOORS.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	8	1,18
8 50 but under \$4 00	2	.79
3 00 but under 3 50	.   6	2.38
2 50 but under 3 00		3.17
2 00 but under 2 50		3.96
1 50 but under 2 00		22.17
1 00 but under 1 50		28 1
1 25 but under 1 25		19.8
75 but under 1 00		11.90
50 but under 75		5.5
Less than 50 cents		.8:
Totals	252	100 0

Minor labor, 17.7 per cent.

# SEWER PIPE, ETC., CEMENT, COAL AND WOOD.

\$4 00 and over	184	10.48
8 50 but under \$4 00	15	.83
3 00 but under 3 50	16	.91
2 50 but under 3 00	57	3.24
2 00 but under 2 50	851	20.0
1 50 but under 2 00	519	29.58
1 25 but under 1 50	429	24.4
1 00 but under 1 25	101	5.73
75 but under 1 00	82	4.67
50 but under 75		
Less than 50 cents		
Totals	1,754	100.00

Minor labor, 4.6 per cent.

### SHIPBUILDING.

\$4 00 and over	. 2	.17
3 50 but under \$4 00		1.04
3 00 but under 3 50		2.60
2 50 but under 8 00		28.17
2 00 but under 2 50		22.36
1 50 but under 2 00		41.25
1 25 but under 1 50		1.38
1 00 but under 1 25		1.38
75 but under 1 00	. 14	1.21
50 but under 75		
Less than 50 cents		
Totals	1,149	100.00
	1	·

Minor labor, 1.2 per cent.

## SOAP, LYE AND POTASH.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	8	4.90
8 50 but under \$4 00	8	1.80
8 00 but under 8 50		1.00
2 50 but under 3 00	6	8.69
2 00 but under 2 50	11	6.70
2 50 but under 2 00.	38	22.0
1 25 but under 1 50	18	7.90
1 00 but under 1 25	16	9.80
75 but under 1 00		12.20
50 but under 75		26.7
Less than 50 cents	6	3 6
Totals	163	100.0

Minor labor, 42.5 per cent.

## STOVES, RANGES AND FURNACES.

\$4 00 and over	<b>4</b> 1	4.75
8 50 but under \$4 00	45	5.38
8 00 but under 8 50	65	8.55
2 50 but under 8 00	118	16.16
2 00 but under 2 50	140	18.85
1 50 but under 2 00	145	21.56
1 25 but under 1 50	65	8.56
1 90 but under 1 25	38	4.27
75 but under 1 00	50	6.18
50 but under 75	43	5.77
Less than 50 cents	17	.98
Totals	760	100.00

Minor labor, 15.9 per cent.

TACKS AND SMALL NAILS

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	. 1	3.80
8 50 but under \$4 00	4	15.80
2 50 but under 3 00	. (	7.60
1 50 but under 2 00		19.20
1 25 but under 1 50	.  4	15.3
1 00 but under 1 25		6.70
50 but under 75	. 8	30.7
Totals		100.0

Minor labor, 30.7 per cent.

TANNERS AND CURRIERS.

4 00 and over	25	.65
3 50 but under \$4 00	18	.46
8 00 but under 3 50	58	1.37
2 50 but under 3 00	188	4.88
2 00 but under 2 50	350	9.10
1 50 but under 2 00.	1,357	35.28
1 25 but under 1 50	1,243	82.81
1 00 but under 1 25	<b>868</b>	9.41
75 but under 1 00	175	4.55
50 but under 75	69	1.77
Less than 50 cents	2	.05
Totals	3.842	100.00

Minor labor, 6.8 per cent.

### TINWARE AND SHEET IRON WORKS.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	29	2.50
8 50 but under \$4 00		1.90
8 00 but under 8 50	28	2.00
2 50 but under 3 00		5.70
2 00 but under 2 50		8.70
1 50 but under 2 00		11.50
1 25 but under 1 50	92	8.00
1 00 but under 1 25	102	8.90
75 but under 1 00	190	16.70
50 but under 75		21.50
Less than 50 cents		12.00
Totals	.1,187	100.00

Minor labor, 50.2 per cent.

TOBACCO.

\$4 00 and over	9	2 80
8 50 but unuer \$4 00	5	1.50
8 00 but under 3 50	10	3.10
2 50 but under 8 00	24	7.60
2 00 but under 2 50	85	12.10
1 50 but under 2 00	56	17.80
1 25 but under 1 50	20	6.3
1 00 but under 1 25	37	11.80
75 but under 1 00	20	6.80
50 but under 75	83	26.50
Less than 50 cents	14	4.40
Totals	318	100.00

Minor labor, 87.2 per cent.

7—L.

TRUNKS, VALISES, SATCHELS, ETC.

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$1 00 and over	19	1.35
3 50 but under \$4 00	14	.78
3 00 but under 8 50	18	1.23
2 50 but under 8 00	15	.90
2 00 but under 2 50		5.40
1 50 but under 2 00	186	20.05
1 25 but under 1 50	124	18.17
1 00 but under 1 25	351	<b>3</b> 8.73
75 but under 1 00	62	6.19
50 but under 75	66	6.64
Less than 50 cents	56	6.51
Totals	964	100.00

Minor labor, 19.3 per cent.

Note.—Abel & Bach, Milwaukee, employ 275 hands, mostly piece workers, who average \$1.00 per day.

VINEGAR, PICKLES, SAUCES, MUSTARD AND YEAST.

\$1 00 and over	16	7.70
3 50 but under \$4 00	7	3.30
3 00 but under 8 50	8	1.40
2 50 but under 3 00	8	3.80
2 00 but under 2 50	14	6.70
1 50 but under 2 00	82	15.40
1 25 but under 1 50	14	6.70
1 00 but under 1 25	8	3.80
75 but under 1 00	51	24.60
50 but under 75	49	28.10
Less than 50 cents	5	2.40
Totals	207	100.00

Minor labor 50.1 per cent.

# WAGONS, CARRIAGES, SLEIGHS, HUBS AND SPOKES, '

Classification of daily wages.	Number of persons reported receiving speci- fied wages.	Per- centage.
\$4 00 and over	26 60 205 588 1,011 703 296 177	.5 .8 1.9 6.8 14.5 81.6 21.2 9.2 5.5 8.3
Totals		100.0

Minor labor, 8.8 per cent.

#### WATER WORKS.

<b>\$</b> 4	00 and over.	•		٠.		• • •		• • •	•					7			7	.80
8	50 but under	<b>5</b> 4	Ψ	• • •		••	• • •	• • •	••	• • •	• • •		• • •	• • • •			• • • •	• • •
8			50											8		ŀ	8	.80
2	50 but under	8	00									.1		4			4	.40
2	00 but under	2	50								. <b></b> .	i		14			15	.70
ī	50 but under	2	00									ı		59			88	. 20
ī	25 but under		50											1				.12
1	00 but under	1	25									.}		1				.18
	75 but under	1	00	• • •														
	50 but under		75								<b>.</b> .							
Le	es than 50 cen	ts.	• • • • •	• • •	. <b></b>				•••						• • • •			
	Totals						·							89			100	.00

Minor labor, none.

# WILLOW WARE AND TOYS.

WILLOW WARE AND	TOYS.	
Classification of daily wages.	Number of persons reported receiving speci fied wages.	Per- centage.
\$4 00 and over	1	.34
8 50 but under \$4 00	1	.34
8 00 but under 8 50	4	1.87
2 50 but under 8 00	2 18	.68 4.46
1 50 but under 2 00	25	8.59
1 25 but under 1 50	33	11.84
1 00 but under 1 25	60	20.61
75 but under 1 00	49	16 83
50 but under 75	47 56	16.15 19.24
aless than of cents		18.24
Totals	291	100.00
Minor labor, 51.2 per cent. WINDMILLS, PUMPS, TAN	IKS, EIC.	
<b>\$4</b> 00 and over	10	2.06
8 50 but under \$4 00	10	8.06
8 00 but under 8 50	9	1.85
2 50 but under 8 00	84 100	7.02 20.66
1 50 but under 2 00	176	36.96
1 25 but under 1 50	73	17.14
1 25 but under 1 50	44	9.09
75 but under 1 00	19	2.67
50 but under 75	6	1.28
Less than of Cents		
Totals	484	100.00
Minor labor, 3.9 per cent.	·	
WOODENWARE.		
\$4 00 and over	7	.70
3 50 but under \$4 00	4	.40
3 00 but under 8 50	18	1.30
2 50 but under 8 00	46	4.70
2 00 but under 2 50	64 93	6.50 9.40
1 25 but under 1 50	160	16.30
1 00 but under 1 25	296	80.20
75 but under 1 00	174	17.70
50 but under 75	101	10.20
Less than 50 cents.		2.30
Totals	981	100.00

Minor labor, 80.8 per cent.

## WOOLEN AND WORSTED MILLS.

Classification of daily wages.	Number of persons reported receiving specified wages.	Per- centage.
\$4 00 and over	46	1.80
8 50 but under \$4 00		2.00
3 00 but under 3 50	84	1.80
2 50 but under 3 00	58	2.80
2 00 but under 2 50	117	4.70
1 50 but under 2 00	168	6.50
1 25 but under 1 50	265	10.60
1 00 but under 1 25		11.00
75 but under 1 00	500	20.10
50 but under 75		28.70
Less than 50 cents	381	15.30
Totals	2,478	100.00

Minor labor, 56.0 per cent.

### NOT ELSEWHERE CLASSIFIED.

\$4 00 and over	70	1.80
8 50 but under \$4 00	64	1.70
8 00 but under 8 50	98	2,40
2 50 but under 8 00	145	8.90
2 00 but under 2 50	888	10.40
1 50 but under 2 00	976	26.80
1 25 but under 1 50	935	25.20
1 00 but under 1 25	472	12.70
75 but under 1 00	221	5.90
50 but under 75	305	8.20
Less than 50 cents	88	.80
Totals	8,701	100.00

Minor labor, 14.9 per cent.

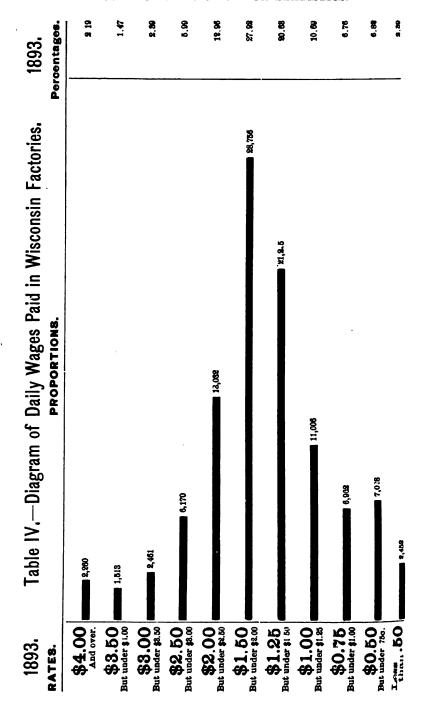


TABLE V.—RECAPITULATED CLASSIFICATION OF DAILY WAGES.

								_	_			
Industries.	\$4.00 and over.	\$8 50 but under \$4.00	\$3 00 but under \$3.50	<b>\$2</b> 50 but under <b>\$3</b> .00	\$2 00 but under \$3.50	\$1.50 but under \$2.00	\$1 25 but under \$1.50	\$1 00 but under \$1.25	\$.75 but under \$1.00	\$.50 but under \$ 75	Less than \$.50	Totals.
Agricultural implements and ma-	80	83	61	103	498	670	105	209	184	77	2	2,629
Baskets	2	1	2	1	10	87	19	20	18	27	5	189
Beef and pork packing	2;	18	20	21	91	428	189	88	69	84		983
Beehives and sections	1			1	1	7	9	17	5	17	27	83
Beer and malt	129	87	71	346	938	95:	352	887	155	405	5	8, 80
Boiler works	1	8	1	28	27	66	29	9	9	6		179
Boots and shoes	56	47	97	288	547	406	476	286	822	818	174	8,457
Boxes, packing	7	1	1	12	27	174	91	97	47	90	11	561
Boxes - paper and cigar	8			រ	14	<b>2</b> t	18	25	102	109	83	887
Brass goods	8	8	18	88	76	186	68	40	19	20	7	428
Brick and drain tile	6		8	10	48	521	889	159	115	72	16	1,276
Bridge works	. 8	14	5	6	15	91	41	14	5	4	2	802
Brooms, brushes, broomhandles	<b> </b>			6	8	1	28	9		20	6	68
Butter and cheese	1	1	2	16	48	47	85	23	10	2		185
Chairs and chair stock	30	18	29	28	87	807	819	812	288	284	99	2,796
Cigars	19	28	42	77	188	167	98	68	62	81	79	905
Cloaks				۶	10	25	168	18	72			210
Clothing, overalls, shirts	58	15	45	87	74	107	156	230	250	206	114	1,:86
Coffee and spice milis	26	8	8	6	18	5	8	11	2	12	11	100
Coffins and caskets	١		85	85	57	40	86	88	84	85		307
Confectionery, steam bakeries	81	18	18	42	64	86	60	58	46	179	266	162
Cooperage	25	29	86	47	187	488	517	228	170	184	28	1,784
Cotton and linen mills	1	2	4	8	13	84	87	182	150	112	14	502
Cribs, cradles, cots	2	1			1	8	6	8	12		11	44
Cut stone, granite, marble	21	44	17	50	96	146	100		5	8		482
Dairy implements	8	2	2	4	24	88	26	16	6	4	1	126
Distilling, bottling medical water	18	2	15	10	21	77	52	18	30	26		259
Drugs and chemicals	1			1	8	18	8	10	1	8	. <b></b> .	39
Electrical and gasfitting supplies	10	9	9	87	58	95	47	27	92	57	17	598
Electric lighting street railways	13	6	17	38	64	1001	81	20	9	4		1,256
Elevators—passenger, freight	8	4	4	6	27	10	5	5	8	2		68
Excelsior	×	1	1	1	7	18	<b>80</b> l	19	7	6		87

TABLE V.—RECAPITULATED CLASSIFICATION OF DAILY WAGES—Continued.

Industri <b>es</b> .	\$1 00 and over.	\$3.50 but under \$1.00	\$3.00 but under \$3.50	\$2.50 but under \$3.00	\$2.00 but under \$2.50	\$1.60 but under \$2.00	\$1.25 but under \$1 50	\$1.00 but under \$1.25	\$.75 but under \$1.00	\$.50 but under \$.15	Less than \$.50	Totals.
Flour and feed	81	40	89	170	245	828	859	109	63	18	10	2,031
Furniture	25	17	57	109	270	281	690	629	196	298	56	2,628
Furs, gloves, mittens, etc	2	2	12	16	25	25	31	59	41	1.	4	229
Gas light	10	4	7	46	92	260	21	9		4.		497
Glassworks, bottles	70	8	4	5	6	••	22	30		110		260
Hardware specialties	8	5	ð	85	57	98	82	49	25	49	8	410
Hats and caps	2	11	1	4	5	10	7	5	12	10		67
Invalid food			•••		10		80			40	10	90
Interior and exterior woodwork	9	8	20	98	82	184	107	70	47	81	18	619-
Iron work, malicable	8	2	9	26	417	175	195	121	105	85	1	1,024
Iron works, pig		8	5	5	16	96	6	7	1	8		142
Knit goods	21	٤	12	25	27	48	€O	119	811	250	8:8	1,199
Laundries—steam	١.		5	15	15	56	47	159	188	88	11	5.0
Leather			2	<b>.</b>	•••	2	••	21		215		240-
Lithographing and engraving	69	84	47	80	36	88	26	80	46	95	83	509
Lumber, lath, shingles	508	274	89:	ł 58	1812	8772	6226	2535	45	182	24	21,885
Machine hops, steam engines, iron founders	127	97	201	675	1812	1031	814	880	193	<b>8</b> (0	45	5,030
Matches	8	2		5	6	87	าษ	84	51	159	48	420
Mattresses and bedding	19	19	27	88	48	72	57	<b>6</b> 8	45	55	27	482
Millinery	7	0	7	12	18	86	110	41	165			447
Mining-iron, lead. zinc	8			8	4	86	•••	2	. <b></b> ,	••		100
Paints, oils and glasses	16	1	2	4	2	66	30	20	10	4		155
Pails and washtubs	1		5	10	15	14	40	63	84	29	2	213
Paper and pulp	88	10	181	99	179	1011	715	830	575	180	26	8,214
Potteries	2		2	8	8	19	11	9	F	17	7	81
Printing, publishing, book binding.	130	66	151	293	860	851	179	230	250	819	289	2,623
Provisions			2	2	4	6	6	5	6	16	1	48
Printers' supplies	5	8	5	6	12	85	88	36	24	17	10	191
Railway shops	86	269	189	668	1278	<b>92</b> 07	1805	101	53	18	4	6,181
Refrigerators,	2		7	18	98	71	180	89	34	41	11	#1
Rolling mills	76	38	87	84	187	811	818	66	21	9		1,047
Rope, twine, cordage				1	8	8	4	2	11	8	9	85

TABLE V.—RECAPITULATED CLASSIFICATION OF DAILY WAGES-Continued.

				_	_							
Industries.	\$1.00 and over.	\$3.50 but under \$4.00	\$9.00 but under \$3.50	\$2.50 but under \$3.00	\$2.00 but under \$2.50	\$1.50 but under \$2.00	\$1 25 but under \$1.50	\$1.00 but under \$1.25	\$ .75 but under \$1.00	\$ .50 but under \$ .75	Less than \$ .50	Totals.
Saddlery, harness, whips	1	8	5	10	20	30	22	81	50	72	67	812
Sash, doors, blinds, planing mill	26	85	79	241	685	1018	F63	588	810	296	99	4,171
Screen doors	8	2	6	8	10	57	71	50	80	14	1	253
Sewer pipes, etc	181	15	16	5	85!	519	429	101	85	. <b></b> .		1,754
Ship building	2	18	30	885	258	176	16	16	14			1,149
Soap, lye, potash	8	8		6	11	38	18	16	20	42	6	168
Stoves, ranges, furnaces	41	45	65	118	140	145	65	88	50	48	17	760
Tacks, small nails			4		2	5	4	۶		8		26
Tanners, curriers	25	18	58	188	850	1857	1248	868	175	69	2	3,849
Tinware, sheet iron	29	22	28	65	101	181	92	102	190	245	187	1,187
Tobacco	9	8	10	24	85	56	20	87	20	88	14	818
Trunks, valises	19	14	18	15	55	186	124	851	62	66	56	964
Vinegar, pickles, etc	16	7	8	8	14	82	14	8	51	49	5	207
Wagons, carriages, etc	17	26	60	203	583	1011	703	296	177	105	5	8,168
Waterworks	7		8	4	14	59	1	1				89
Willow ware, toys	1	1	4	2	18	25	88	60	49	47	56	291
Wind mills, pumps etc	10	10	9	81	100	176	88	44	18	6		484
Woodenware	7	4	18	46	64	98	160	296	174	101	28	981
Woolens, worsteds	46	51	84	58	117	168	263	274	£00	589	881	2,478
Not elsewhere classed	70	61	85	145	888	976	985	472	221	805	83	8,701
			{			•						

TABLE VI - COMPARATIVE AMOUNTS OF WAGES PAID IN 1888-'89-'90-'91-'92-'98 BY INDUSTRIES.

Industries.	1888.	1889.	1890.	1891.	1893.	<b>1893</b> .
Agricult'ral implements and machinery	\$1,079,106	\$1,195,285	\$1,051,297	\$1,406,795	\$1,406,299	\$1,672,051
Baskets	23,800	25,750	81,089	45,647	4,185	47,791
Beef and pork pack	,	,		,	2,100	2.,
ing	289, 509	889,484	420, <b>623</b>	454,782	444,572	418,865
Beebives			. <b></b>		28,876	22,795
Beer and malt	957,867	1,149,989	1,604,228	2,066,775	2,113,777	2,466,290
Boots and shoes	761,165	667,158	878,767	1,004,808	1,065,666	1,251,194
Boxes — packing, paper, cigar	186,099	188,458	186,712	110,777	289, 876	248,294
Brick and drain tile	168,721	160,449	112,884	815,869	288, 925	205,845
Brooms and br'shes	15,087	17, 487	18,0 0	11,645	25,819	104,941
Butter, cheese and condensed milk			•••••		71,496	88,494
Chairs and chair- stock	551,25%	710,051	*808,619	*815,580	1,009,064	821,193
Cigars	260,596	246,958	420,891	441,954	428,117	385,600
Clothing	454,087	474,069	468,808	555,782	690,544	781,444
Coffee and spice mills.	68,085	62,686	66, 804		69,987	84,144
Coffins and caskets	22, 889	20,862	110,797	110, 402	117,463	98,608
Concrete, cement and sewer pipe	21,250	25,898	97,785	95,765	187, 921	127,625
Confectioneries, steam bakeries	164,858	188,982	177,406	248,971	221, 807	295,166
Cooperage	868,861	877, 262	872,382	888,021	428,081	591,786
Drugs and chemicals	19,776	20,679	11,156	15,920	20,007	22,840
Electric light—pub-	88,658	88,499	+	+	194,968	158,480
Elevators — carry- ing and passenger	25,821	<b>85</b> ,823	81, 218	67,718	98,827	239, 664
Flour and feed	474,198	580,058	508, 174	744, 997	124,068	818,18
Fur goods, gloves, mittens	62,794	67,274	78,445	20,587	78,068	117,061
Furniture (not in- cluding chairs) .	1,109,495	1,980,034	1,918,886	2,086,524	1,000,965	921,541
Galvanized iron works	16,036	18, 856	18,0%	. 90, 518	399, 881	78,73
Gas works	167,869	164,167	248, 760	829,749	208,794	2:8,641
Glass works, bot-	9,748	88, 894	101 576	116, 948	142, 420	85,916

[•] Chairs included under furniture. † Electric light classed with gas.

TABLE VI .- COMPARATIVE AMOUNTS OF WAGES PAID IN 1886-'89-'90-'91-'92-'98 BY INDUSTRIES.-Continued.

Industries.	1888.	1889.	1890.	1891.	1892.	1893.
Glue, ink, etc	\$11, 150	\$11,040	#	‡	\$5,726	\$7,484
Granite	61,951	40,209	78,666	71,427	••• •••••	
Hardware special-		•			857,888	288,762
Hats and caps	17,911	19,085	188,057	91,612	46,199	190,249
Iron mining	92, 183	145,821	218,608			
Knitting works	<b>26</b> 8, 754	278,287			202, 898	818, 914
Laundries	78, 780	81,561	100,066	122,758	180,045	179,934
Lead and zinc min- ing	12,125	88,88	89, 671		28,000	
Leather	1,021,038	1, 177, 949	1,842,200	1,964,857	1,451,675	1,497,848
Lithography	129,807	157, 511	•	•	299,876	818,264
Lumber, lath, shin- gles §	6,282,551	7,898,888	4,967, 188	7,871,884	7,780,224	7,463,189
Machine shops and iron and brass foundries		2,503,887	5,840,860	4,182,244	   8,044,476	2,525,081
Malleable iron	154,885	246,922	+	+	150,000	189,000
Marble and cut	146,000	188,110	78,666	227,828	292,484	169,826
Matches					78,184	75,448
Mattresses and bed- ding	88, 899	104,809	119,858	95,700	92,821	148, 228
Office, bank, sa- loon, fixtures		••••	·• • •••••		226, 847	288,090
Paints, oi!, greases	86,158	87,078	72,421	168,388	129,185	85,484
Paper and pulp	702,825	788,697	779,784	£03, 444	992,773	1,254,199
Pig iron	189, 980	278,082	182, 561	190,708	119,568	58,480
Plumbers' Gas and Steam fitters' supplies	l 				85,870	168,621
Po teries	11,505	12,717	14,9 8	35,695	82, 419	29, 193
Powder-blasting	12, 695	15, 227	19,563	16, 809	17,928	18,948
Printing, publish ing, lethograph ing and book-		·				
binding	839,671	928,645	843, 898	1,220,941	1,189,722	1, 260, 646
Printers' supplies.		• • • • • • •	••••••	· · · · · · · · · · · · · · · · · · ·	78,911	67, 975
Railway shops	1,959,875	1,839,928	1,076,064	8,081,812		
Rolling mills	748,808	767,167	214,868	57, 527	1,020,181	786,222

[†] Glue, ink, etc., classed with miscellaneous.

* Lithography included with printing, publishing, etc.

† Maleable iron, none reported as such.

§ Under this head are included some establishments which, in addition to sawing lumber, lath and shingles, are sawing posts, making excelsior, or, as in several instances, have planing mi.l in connection.

TABLE VI.—COMPARATIVE AMOUNT OF WAGES PAID IN 1888-'89-'90-'91'-'92-'98 BY INDUSTRIES.—Continued.

Industries.	1888.	1889.	1890.	1891.	1899.	1893.
Rope, twine, cord	4, 659	5,160	10,470	10, 339	12,742	9,895
Saddlery, harness	86,647	96,471	67,015	. 78,631	69,450	101,082
Sash, door, blinds. planing mi.i*	\$1,163,459	\$1,818,757	\$1,882,851	\$1,785,990	81,449,277	<b>\$1,853,25</b> 4
Shipbuilding	251,982	258,893	164, 506	426, 977	119,141	448,707
Soap, lye, potash.	42,792	48, 887	56,882	57,918	86, 195	71,366
Stoves, ranges, fur naces	197,659	<b>72,</b> 125	\$6,500	147, 819	21,885	360, 381
Street railway				,	144,016	488,819
Textile	451, 869	442, 469	650, 971	1,068,573	499,096	477,341
Tinware and sheet- iron goods	155, 585	180, 199	148,650	257, 541	276, 257	<b>256</b> ,81 <b>3</b>
Tobacco	101,668	115,192	49, 679	160,826	194, 893	125,843
Toys and wil'ow ware	110,151	116,697	28,884	65, 408	94, 785	91,590
Trunks, traveling bags, valises, etc	815, 961	<b>82</b> 9, <b>4</b> 84	<b>8</b> 01, 15₹	t51, 9 <b>27</b>	8 8,097	814,949
Vinegar, mustard,	8*,693	99,489	88, 529	57, 986	116,770	100,786
Wagons, carrages, sieighs	1,198,984	1,080,018	842, 879	1,471,290	1,248,49	1,042,685
Wagon stock			•••••	ļ	231,8:5	110,129
Water supply		•••••	•••••		71,896	84, 498
Windmills, tanks, pumps	150,021	175, 471	175, 588	144,082	166, 280	248,307
Wire goods					11,887	57,89
Wood and coal					495,248	687, 695
Wood pulleys			. <b></b>		80,000	23,451
Woodenware	309,878	844,716	74,785	516,785	526, 181	237,900
Miscellaneous	128, 470	152, 843	1,404,207	1,721,890	607, 661	1,668,270
Totals	\$2 ,009,916	\$30,169,452	\$31,809,865	\$10,866,178	\$80,685,070	\$41,623,195

 $^{^{\}bullet}$  In this class are included some establishments which are also wholesaling lumber, or making box-lumber.

TABLE VII.—PER CAPITA WAGES-BY INDUSTRIES.

Sho ving the per capita wages paid in the years 1839 '90 '91 '92 '93; that is to say, the aggregate wages in each industry divided by the total number of operatives in each industry.

1 4000   4000   4000   4000   4000					
Industries.	1889.	1890.	1891.	1899.	1893.
Coffee and spice mills	<b>\$</b> :85 60	<b>\$728</b> 12	\$500 00	\$197 56	\$922 65
Flour and feed	656 72	609 82	709 84	657 64	470 22
Galvanized iron works	578 65	514 91	83 609	£64 45	448 82
Paints, oils, greases	570 75	696 85	614 85	593 55	578 65
Gas works	568 05	582 57	561 96	454 88	465 41
Rolling mills	532 71	592 08	475 48	784 26	668 19
Lithography	547 25	•	•	677 88	(02 48
Sewer-pipe, cement	589 50	415 89	485 29	47± 17	488 48
Clothing	689 17	271 55	519 90	500 08	876 43
Beer, malt, bottling	534 78	552 03	563 80	541 61	569 78
Beehives				2827	284 86
Beef and pork packing	581 17	498 89	871 78	496 80	488 17
Vinegar, mustard, yeast	529 40	192 61	586 90	468 87	2:8 49
Elevators passenger, freight	5×2020,	712 80	604 58	472 24	614 50
Printing, publishing, bookbinding	518 09	441 14	447 09	455 97	476 82
Railway shops	509 14	525 98	569 12	496 51	88 884
Boiler works (steam)	492 20	497 15	468 98		420 67
Butter, cheese, condensed milk				496 01	407 96
Foundaries, machine sho s, etc	477 64	568 10	468 24	524 61	420 67
Electric light	471 82	+	+	941 56	607 24
Wind mills, tanks, pumps	467 25	825 56	500 01	889 71	830 57
Hardware specialties				547 80	815 63
Buots and shoes	458 90	417 98	841 56	898 60	504 91
Marble, cut-stone	456 99	522 88	587 83	479 40	890 10
Tobacco	458 21	455 77	426 24	824 48	542 60
Glass works, bottles	450 98	507 88	567 10	₱60 07	2-5 40
Leather	441 18	488 11	562 17	484 29	422 83
Iron works, pig	410 83	605 28	434 06	445 61	£87 <b>3</b> 6
Agricultural implements	427 58	558 41	515 87	548 98	649 84
Bridge works	425 45	417 10	549 01	. <b></b>	489 08
Shipbuilding	407 02	474 22	493 55	566 77	481 27
Plumbers' and gasfitters' supplies	l	. <b></b>	l. <b></b>	485 88	409 05

Norma.—*Lithography included with printing, publishing and bookbinding. †Electric light included with gas.

TABLE VII.-PER CAPITA WAGES-BY INDUSTRIES .- Continued.

Industries.	1889.	1890.	1891	1892.	1893.
Coffins, caskets	\$410 88	\$346 24	\$107 88	\$186 57	<b>\$521 16</b>
Drugs, chemicals	409 91	418 00	418 22	484 98	581 17
Street railways				407 97	E01 08
Paper and pulp	404 10	404 03	£68 54	412 96	406 00
Farniture, not including chairs	400 69	870 21	467 67	866 64	338 St
Stoves, furnaces, ranges	89 193	868 48	885 82	5:0:0	472 09
Mining-lead, zinc	891 70	821 35	826 19	5.2h 30	
Granite	883 73	523 88	891 42		
Confectionery, bakery	875 61	£53 89	338 CO	895 19	812 41
Potteries	874 05	824 16	818 17	890 43	8:6 07
Office, store and saloon fixtures				489 41	465 41
Sash, doors, blinds	378 15	349 88	378 4 <b>6</b>	802 54	287 22
Cooperage	871 08	523 82	425 47	264 58	881 71
Wagon•, carriages, etc	866 85	468 09	421 44	411 80	854 50
Mattresses, bedding	868 94	409 67	875 23	863 46	296 88
Cigars	861 78	455 89	495 46	410 62	381 48
Iron works—malleable	850 75	546 (8	409 77	894 78	405 21
Trunks, valises, satchels, traveling bags	847 19	894 17	419 89	889 87	182 45
Furs, gloves, mittens	846 18	487 00	848 08	832 76	851 56
Lumber, lath, shingles	884 84	524 12	532 29	848 25	841 10
Wagon stock				418 02	999 06
Soap, lye, potash	822 25	489 24	534 89	678 70	416 87
Brooms, brushes	817 58	815 26	846 51	848 83	204 13
Textiles	814 14	2.9.06	258 62	230 18	276 92
Saddlery, harness	<b>800 54</b>	802 00	840 12	338 78	298 53
Chairs, chair stock	299 72	804 12	817 10	838 79	247 78
Willow ware, toys, etc	288 85	291 21	279 48	246 70	278 29
Glue, ink, etc	285 71	291 09	289 87	801 86	874 20
Waterworks				532 55	414 89
Wood pulleys				800 (0	234 51
Printers' supplies	1	<b></b>		892 12	855 89
Woodenware	I	415 20	865 18	878 68	241 80

TABLE VII.—PER CAPITA WAGES-BY INDUSTRIES.—Continued.

Industries.	1889.	1890.	1891.	1892.	1893.
Boxes—packing, paper, cigar	\$270 40	\$296 36	\$254 41	<b>9301 87</b>	\$299 78
Laundries—steam	270 30	898 78	826 57	297 90	826 55
Hats, caps	412 25	454 12	420 08	584 59	482 86
Wire goods		. <b></b>		440 40	404 21
Matches				242 56	162 36
Tinware, sheet iron goods	240 27	871 82	288 87	277 08	297 79
Baakets	289 68	861 98	898 89	848 75	269 48
Rope, twine, cordage	281 58	255 18	271 00	252 24	274 86
Brick and drain tile	200 89	510 60	548 45	285 25	288 77
Scrap leather	192 95	186 50	168 04	•	
Knitting works	177 28	269 12	264 80	208 80	289 89

^{*} None reported as such.

TABLE VIII—Showing the number of persons employed in Milwiuke, wages paid; number of persons employed outside of Milwaukee, wages paid; total number of persons employed in the state and the total wages paid.

Torra common commo	Mil	WAUKEE.	In T	HE STATE.	Total	Total	
Industries.	Hands.	Wages.	Hands.	Wages.	hands.	wages.	
Lumber, lath and shingles			21,855	\$7,463,789	21,855	\$7,463,783	
Railway repair shops	208	\$115,640	5,787	3,129,262	5,945	3,844,90	
Iron works, foundries and ma- chine sbops	2,976	1,641,811	2,054	883,870	5,030	2,525,031	
B or and malt	8,678	1,926,289	654	842,001	4,812	2,468,29	
Sash, doors, blinds	1,806	541,910	2, 481	1,811,854	4,786	1,858,96	
Agricultural implements	868	212,071	2, 159	1,459,980	2,622	1,672,00	
Furniture, chairs	694	229, 502	8,772	1,485,168	5,463	1,518,16	
Leather	1,991	848, 695	1,550	658, 648	8,541	1,497,84	
Printing, publishing, book- binding, etc	1,558	822,188	1,070	488, 468	2,6/8	1,260,64	
Paper and pulp			8,244	1,954,199	3,244	1,854,19	
Boots and shoes	1,680	427,882	1,777	823,662	8, 457	1,251,1	
Wagons, carriages and sleighs	480	147,911	2,788	900,694	8, 168	1,048,6	
Flour and feed	4:9	257,616	1,572	560,567	2, 181	818, 1	
Clothing	1,065	547, 527	1,028	<b>239</b> ,661	2,098	787,1	
Brass and iron goods	787	345,890	696	893,839	1,458	789,7	
Woolens and worsteds	1,020	203,212	1,458	580, 201	2,478	785,4	
Coal and wood	529	289,141	817	438,485	1,846	687, 6	
Cuoperage	278	106,205	1,511	885,581	1,784	591,7	
Street railway	780	408,851	180	84,498	960	488,4	
Shipbuilding	298	112,677	926	835,830	1,149	448,	
Seef and pork packing	814	884, 878	169	84, 417	988	418,	
3as and electric light	806	224,536	252	158, 185	758	877,	
Stoves, ranges and furnaces	629	296, 095	181	61,286	760	360,	
Cigars	400	186, 651	505	221, 199	905	357,	
Woodenware	166	72,640	815	261, 566	981	887,	
Crackers and confectionery	571	199,174	291	95, 992	862	295,	
Interior and exterior wood- work	558	<b>27</b> 0,021	61	17,000	619	298,	
Frunks, valises	849	120,165	415	163, 083	961	963,	
linware, sheetiron	1,187	256,911	l		1,187	256,	
Pumps, tanks and windmills	28	1, 492	461	246,815	484	248,	
30xes	440	121,960	459	121,844	898	213.	

TABLE VIII.—Showing the number of persons employed in Milwaukee, wages paid; number of persons employed outside of Milwaukee, wages paid; total number of persons employed in the state and the total wages paid.—Continued.

•	Мп	WAUKEE.	In T	HE STATE.	Total	Total
Industries.	Hands.	Wages.	Hands.	Wages.	hands	wages.
Millinery, straw goods	147	\$83,786	894	\$190, 249	541	\$228,965
Nails, tacks	489	154,100	179	64,862	668	218,969
Laundries	216	69,008	263	110,996	579	179, 984
Cut stone, marble	178	81,060	809	87,766	482	169, 826
Plumbers' and steamfitters' supplies	964	150, 196	36	18,425	400	168,621
Mattresses, spring beds	918	75, 546	264	67,077	482	148,225
Bridge building	204	127, 842	ļ <del>.</del>		204	127,849
Plaster, sewer pipe and co- ment	280	105,838	84	21,787	264	127,620
Tobacco	818	125,848	ļ		818	125, 848
Gloves, mittens	811	104,949	88	18,119	849	117,061
Not elsewhere classed	2,522	1,025,878	6,577	2,675,826	9,109	8,701,200
Total	29,794	\$12,119,002	72,531	\$29,504,197	102,825	\$41,628,196

8-L.

TABLE IX—RECORD OF LOSSES BY FIRE IN FACTORIES for the manufacturers—Classi

Industries.	1885.	1886.
Agricultural implements		\$3,000 00
Art-pictures, etc	·	
Baskets		
Beefan I pork packing		
Beer and malt	]	8,000 00
Boilers—steam		4,500 00
Boots and shoes		
Boxes—packing		1,000 00
Brick		
Butter and cheese		
Canning and pickling		
Chairs and chair stock		5,000 00
Chemical goods		
Clothing	<b></b>	
Cigars and tobaccos		
Coal and wood.		
Coffee and spice		
Coffins and burial caskets		.
Condensed milk		.ļ. <b></b>
Confectionery and steam bakeries		4,000 0
Cooperage		5,000 0
Cribs, cradles and cots		 
Dairy implements		<b> </b>
Distillers and rectifiers.		
Electric light plants		
Flour and feed	1	8,100 0
Furniture	\$1,038 0	00,500
Gas works		. <b> </b>
Glass		<u>. </u>
Gloves, mittens, etc.		
Hammocks and fly nets		
Ice houses	1	
Iron works (pig) and mining		. 12,500
Lamps and brasss goods	1	1
Laundries—steam		

years 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892 and 1893, reported by fied by industries.

1887.	1888.	1889.	1890.	1891.	1899.	1893.
\$10 00	\$150 00	\$19,423 00	\$18,500 00	<b>\$</b> 75 00	\$100 00	<b>\$</b> ₹,712 00
					22,000 00	
	500 00					
	500 00		500 00	 		. 168 00
50 000 00	798 70	507,096 90	15,510 00	2,301 00	399,800 00	28,695 00
	. <b></b>	12,000,00			250 00	
		9,020 00	25 00		<b>25</b> 00	
· · · · · · · · · · · · · · · · · · ·	1,400 00			10 00	16,642 00	5,000 00
				700 00		
			8,000 00		••••••	
•••••					5,000 00	
5.000 00		10 00	<b>=</b> 150 00	4, 169 00		
• • • • • • • • • • • • • • • • • • • •					26,500 00	· · · · · · · · · · · · · · · · · · ·
	<b></b>	40,000 00	10,000 00			ļ
		} <i>.</i>	8,611 00		186,828 00	`
•••••			510 00	1,275 00	8,400 00	900 00
			885 00		20_00	¦
	2,000 00		·	10,000 00		
				50 00		••••••
	104,468 88	127 00		100 00		· · · · · · · · · · · · · · · · · · ·
<b>850 0</b> 0	26,200 00	4,575 00	21,000 00	24,500 00	900 00	11,500 0
	! 			 	20,000 00	22,000 0
		60,000 00	• - • • • • • • • • • • • • • • • • • •			•• ••• •••
• • • • • • • • • • • • • • • • • • • •				28,000 00	70,000 00	707 0
		50 00	5 00	900 00	200 00	8, 205 00
7,500 00	<b></b>	90,200 00		915 00	45,850 00	500 0
95,000 00	700 00	2,900 00	47,700 00	8, 175 00	18,028 00	10,729 0
• • • • • • • • • • • • • • • • • • • •	4,500 00	•• ••••••			25,000 00	26,158 0
• • • • • • • • • • • • • • • • • • • •					22,866 00	
	800 00	•••••	800 00			
					65, 879 00	1,000 00
•••	···· ···			1,000 00		
•••••	28,841 60		5,017 00	5,100 00		700 00
					21,000 00	ŀ
	·	40 00	)	177 00	5,000 00	1,100 0

TABLE IX.—RECORD OF LOSSES BY FIRE IN FACTORIES for the manufacturers-Classi

Industries.	1885.	1886.
Leather	\$54,000 00	
Lumber, lath, shingles, etc	8,000 00	\$487,000 00
Machine shops, iron and brass foundries	15,805 00	2,000 00
Marble and stone		
Matches		
Mattresses and bedding.		
Paints, oils, etc		
Paper and pulp		
Plumbers' and steam fitters' supplies		
Potteries		
Powder mili		
Printing, publishing, bookbinding	6,900 00	1,550 00
Provisions		
Railway shops		30,000 00
Rope and twine		600 00
Sacks—cotton, paper and jute		
Saddlery	ļ	
Sash, doors, blinds, planing mills	80,800 00	12,060 00
Ship building	ļ	
Soap		15,000 0
Tinware and sheet iron works		l
Toys		i
Trunks, valises, etc.	1	
Uphoistery		
Wagons, carriages, sleighs, etc.	1	
Wall plaster	1	
Windmills, pumps, tanks, etc		
Woodenware.	4	1
Weod split pulleys		ł
Woolen, worsted and cotton mills.	1	1
Miscellaneous		3,000
Grand totals	\$115,468 O	9661,750
Grand Minis	-110, TOO W	- acc1,150

years 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892 and 1898, reported by fied by industries.

1893.	. [	1899.	İ	<i>1891</i> .	<b>o</b> .	1890	<b>1889</b> .	1888.	1887.
\$177,200 0	00	\$149,770	00	\$60,750	00 00	\$146,500	\$90 00		\$100 00
240,757 0	5 00	111,406	00	606, 652	90 00	164,090	288,588 91	\$162,200 00	875, 402 57
48,890 0	3 <b>00</b>	196,958	00	29,260	84 00	48,984	12,485 49	118,402 60	82,450 00
		•••••			2S 00	729			
11,094 0		••••••	00	100					
	00	150,050	00	288	70 OO	870			12,000 00
11,500 0							20,000 00		
51,000 0	0 00	18,530	00	11,000	00 00	178,100	55,000 00	215,000 00	
10,580 0	[	•••••							
	0 00	24,000	00	875				1,200 00	• • • • • • • • • • • • • • • • • • • •
			00	8,500					
2,686 0	7 00	6,147	00	1,000	17 00	617	60 00	1,988 60	2,040 00
	0 00	8,000							
	1 00	11,801	00	116	00 00	600	8,968 80		•••••
		,	00	8,000					
	0 00	85,000		••••					
			00	400					
23,660 0	0 00	69,150	00	19,048	00 00	81,800	80, 972 78	117,000 00	87,850 00
	0 00	4,580	00	2,200	<b></b> .				
165 0	2 00	16,062			· • · · ·	l		15,100 00	
22,125 (			00	45,000		 		800 00	
			ου	40,000		<b> </b>			
	0 00	460	00	400				200 00	8,000 00
 	0 00	80,000		   <b></b>		<b></b>		 	
		87,775	00	19,500	00 00	23,000	19,800 00		17,000 00
 		l				1 .	481 81		
			00	2,500	00 00	4,000	ŧ .	1,600 00	800 00
	0 00			i '		40,00			25,000 00
				50,000				. <b></b>	
		i			311 00	1,81	2,286 08	855 21	
16,671				l					
<del></del> -		\$1,968,589						\$814,190 04	<b>6718,002</b> 57

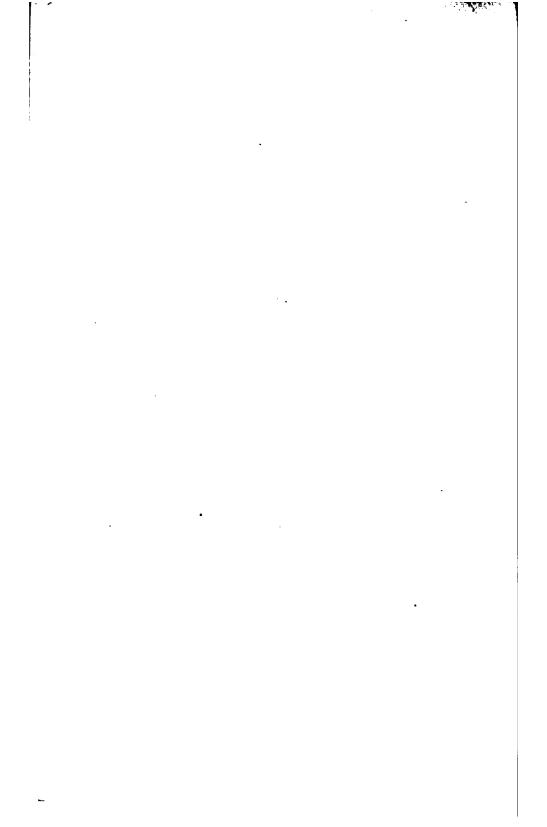
In connection with the foregoing tables, showing fire losses in the factories of Wisconsin, the following suggestive editorial from "The Age of Steel," under date of August 8, 1894, calls attention to the great waste by fires in the country as a whole:

"OUR ANNUAL ASH-HEAP.—The annual destruction of property by fire represents an enormous loss of public money. That in 1893 has been placed in excess of \$150,000,000. To this must be added the cost of sustaining insurance companies, approximating nearly \$70,000,000, and the cost of sustaining fire departments, which is not less than \$25,000,000, these bringing up the fire tax of the past year to not less than \$250,000. 000. Much of this loss is due to what has been aptly described as 'combustible architecture,' in which fire prevention has not received the attention it deserves. In the construction of mills and factories economy and safety should go hand in hand, the prevention of fire, at any rate, an item of special study with the builders. The modern manufacturing plant is, as a rule, much more costly and extensive than those of but a few years ago. Its equipments represent large outlays of capital, while the number of hands employed vastly increase the risks to life and limb. There is also a marked tendency in some of our large cities to group various plants in manufacturing districts, in some of which the fire hazards are largely increased by the storage or handling of combustible materials. Under conditions favoring conflagrations it can easily be seen that a fire, once having a good headway with an enormous amount of material in which to spread, might defy the wisest and most heroic efforts to subdue it, and thus entail severe losses of property if not of life.

"Laxity or indifference to fire hazards in many mills, as also in other buildings, have multiplied disasters to such an extent that in some cases buildings are without tenants for the reason that the tenant cannot obtain insurance on their contents, while a number of insurance companies have either failed or withdrawn from business, being unable to meet their obligations. The causes of fire can in many instances be traced to ignorance, carelessness and crime, and these shared by owners, occupants, architects and builders.

"Much, of course, is being done to remedy what is statistically an increasing menace to property and life. The freer use of steel and iron, severer restrictions to the use of combustible material in floors, walls, passage ways and roof, the use of automatic sprinklers and more searching investigations as to the causes of fires on the part both of the police and insurance companies, are all more or less preventative of fires. The fire bill, however, lengthens its ghastly column of costs, and it is evident that much has yet to be done before the ash heap of a year ceases to be a huge pile of cremated dollars.

"The forest fires that of late have made a broad and deadly swath of destruction and death in some of our timber states are not easily in the range of prevention, though in many cases the lack of a spark arrester on a locomotive has started the flery wave on its course. One thing, however, is evident, that in locating towns in heavily timbered districts more prudence and judgment should be shown in marking the distance between the houses of the citizens and the woods in their proximity. Where the risks of forest fires are incurred, precautions should be in correspondence with the danger."



# SYNOPTICAL REPORT

OF

# Inspection of Factories and Workshops.

NOTE.—The absence of any remarks in connection with the description of manufacturing plants denotes that the machinery, elevators and stairways are well guarded, the sanitary condition good, and that no children under 14 years of age are employed. Establishments employing less than five persons are necessarily omitted.

# REPORT OF INSPECTION.

	l »-			<b>≱</b>	▶ .
Establishments Inspected.		JMBER MPLOYE		of ne lng in	of ne
	Male.	Fem.	Total	Cost of new building improvements.	Cost of new machinery.
ALMA-BUFFALO CO.	1				
Inspected April, 1898, by Van Etten.					
ALMA BREWING CO., THE. Five buildings—three 2- st. brick; two 1-st. frame; one boiler, one engine, 14 horse power. Estab. 1871	7		7		\$800
ALMA MILLING CO., mfrs. flour and feed. Two buildings—one 3-st.frame; one 1 st brick; two boilers; one engine; 105 horse power. Estab. 1888	6	•••••	6		
LAUE FRED., mfr. lumber, lath and shingles. Two 1-st frame buildings; several sheds: one toller; one engine, 50 horse power. Estab. 1865	20		20		
ALMENA—BARRON CO.	İ				
Inspected June, 1893, by Van Etten.					
HUNTER W. L., mfr. lumber. Four buildings—one 2-st. frame; three 1-st. frame; one boiler; one engine, 40-horse power. Estab. 1891	20		80	<b>\$</b> 3,0 <b>0</b> 0	2, 200
ALTOONA-EAU CLAIRE CO.					
Inspected April, 1893, by Van Etten.					
C. ST. PAUL, MINN. & OMAHA RY., MACHINE shops. General car-repairing. Seven buildingafour 1-st. brick; three 1-st. frame; four boilers; one engine, 40-horse power. Estab. 1882	79	•••	79	5, 200	230
AMERY-POLK CO.					
Inspected Feb. 1894, by Van Etten.					
JOHNSTON & HOWE, mfrs. lumber, lath and shingles. Eight buildings-two 2 st. frame; six 1-st. frame; four boilers; one engine, 250 horse-power. Cut of mill 1:92, 7,000,000 feet lumber. Estab. 1892. A fire in Sept., 1893, destroyed saw mill, loss, \$28,000.	160		160	6,000	26,000
ARPIN-WOOD CO.	i				
Inspected March, 1894, by Van Ellen.		1			
ARPIN, JOHN, LUMBER CO., mfrs. lumber, lath and shingles. Thirteen buildings—seven 2 st. frame: six 1 st. frame; five boilers; three engines, 175 horse-power. Estab. 1891.  Cut of mill 1892, 14,000,000 feet lumber, 1,000,000 lath, 4,000,000 shingles. Accidents.—A workman was permanently injured by a cut on his arm from a slasher-saw; another lost a finger in gearing to live roller; another lost a finger on trimmer.	185		185	27,000	25,000

ESTABLISHMENTS INSPECTED.		MBER IPLOYI		Cost of new building im- provements.	of new hinery.
	Male.	Fem.	Total	Cost build pro	Cost of machine
ANTIGO—LANGLADE CO. Inspected Nov. 1893, by Zwaska.  ANTIGO EDISON ELECTRIC LIGHT CO. General street lighting. Two 1-st. iron-vene-red buildings, two boilers; two engines, 220 horse-power. Estab.					
1888	8	ļ	8		
ANTIGO HUB & MFG. CO., mfrs. hubs. Three 1-st. frame buildings, one boller; one engine, 90 horse power. Estab 1882	18		18	\$1,400	<b>\$</b> 7,000
ANTIGO SCREEN DOOR CO., mfrs. lumber. One 2-tt. frame; one 1-st. brick; two boilers; one engine, 150 horse power. Estab. 1892	50		50	4,000	20,000
ANTIGO SCREEN DOOR CO., mfrs screen doors. Five buildings—two 2-st. frame; one 1 st. brick: two 2-st. frame; two boilers; one engine, 125 horse power. Estab 1891	45		45	1,000	800
CROCKER CHAIR CO., mfrs. chair stock. Five buildings—wavehouse 3 st. frame: factory 2 st. frame; drykin 2 st. frame; one 1-st. brick; one 1-st. frame; two boilers; one engine, 150 horse power. Estab. 1887. Ordered alarm-bell connections placed between en gineer and operatives. Accident.—A workman was struck by a board flying back from rip-saw: he died within four days. Company paid funeral expenses and contributed to support of family.	47		47	4,000	12,000
CROCKER CHAIR CO., mfrs. lumber. One 1-st. frame; two boilers; one engine, 75 horse power. Estab. 1881	19		12	••••	· · · · · · · · · · · · · · · · · · ·
FROST VENEER SEATING CO, mfrs. veneer for all kinds of seating. Four frame buildings—one 8-st., one 2-st., three 1-st. additions; one 1 st. office; two boilers; four engines, 144 horse power. Estab. 1891. Ordered a guard placed on a bolting-saw and pulleys of same boxed: pulleys of two railroad-saws guarded; alarm-bell connections between engineer and operatives; main door changed to open outward. Accidents.—A workman lost a finger on a railroad saw: another was badly hurt on face by a piece flying from an emery wheel.	50	4	54	17,600	18,600
JOHN8, W. B., mfr. mill machinery and mill supplies. Machine shop and foundry one 2-st, one 1 st frame; One boiler; one engine, 35 horse power. Estab. 1884. Formerly known as the Pioneer Iron Works	7		7	800	
KELLOGG T. D. LUMBER & MFG. CO., mfrs., lumber. Three buildings—two l-st. frame; one % st frame; three boilers; one engine, 125 horse-power. Estab. 1886 Mill clossed at time of inspection; will operate early in spring. Cut of last season 5.000,000 feet of lumber; 1,500,000 shingles; 400,000 lath.	85		85	••••••	
KELLOGG, T. D. LUMBER & MFG. CO, mfrs. lumber. Planing mill 1st frame; engine-room 1-st brick; three boilers; one engine, 75 horse power.	10		10	•••••	

		MBER MPLOYI		new g im- ients.	new ery.
Establishments Inspected.	Male.	Fem.	Total	Cost of new building im- provements.	Cost of new machinery.
KINGSPURY & HENSHAW, merchant millers. Three buildings—one 8 st frame; one 1-st brick; one 1-st frame warehouse; one boiler; one engine, 75 horse-power. Estab. 1891	9		9	\$1,000	
WISCONSIN HANDLE & MFG. CO., mfrs. broom handles and headings.—fhree 1-st frame buildings; one boiler; one engice. So horse-power. Estab. 1885 Formerly known as R. M. Goodwin & Co.	20		20	600	\$100
APPLETON-OUTAGAMIE CO.					
Inspected Feb. 1894, by Van Etten.					
APPLETON CHAIR CO., mfrs. chairs and rockers. Five buildings—one 4-st frame; two 2 st. frame; one 1-st frame; one boiler, water power. Estab. 1840	44	5	49		700
APPLETON EDISON ELECTRIC CO. Electric light, power and street railway. Tyree buildings—one 2-st. brick; one 2-st, frame one 14-st. frame; 500 horse power (water). Estab. 1881	14		14		••••
APPLETON EVENING CRESCENT. Occupies basement of 2-st. brick building; 2½ horse power electric motor. Estab. 1853	8	1	9		1, 800
APPLETON KNITTING CO., mfrs. noniska knit skirts and fascinators. Three buildings—one 2-st. frame; two 1-st. frame; five horse power (water). Estab. 1892 Ordered the door at foot of stairway changed to open outward.	2	21	28		8,100
APPLETON MACHINE CO., mfrs. pulp and paper mill machinery. Five buildings—one 2-st.; four 1-st. frame; 80 horse-power (water). Estab. 1838	50		ŧO		••••
APPLETON MANUFACTURING CO., mfrs. grinding mills, ensilage cutters, seeders, horse powers, etc. Eleven buildings—lour 2-st. frame; one 1-st brick; six 1-st. frame; one boiler; one engine 100 horse power. Estab. 1874	<b>3</b> C0		200		1,850
APPLETON PICKLE & PRESERVING CO. THE, mfrs. picsles, sauces, jellies, etc., two buildings—one 2-st. trame; one 1-st. brick; one boiler; one engine, 20 horse power. Estab. 1883.  Ordered a guard placed on gearing or vegetable cutter. Sanitary condition - tair.	10	2	12	8,000	1,000
APPLETON VOLKSFREUND. (German newspaper.) One 2st. brick building; electric motor—3 horse- power. Estab 18.0	17		17		700
APPLETON WATER WORKS CO., one 2 st brick building; two bollers; one engine, 125 horse power. Capacity 6,000,000 galions in 21 hours. Estab. 1882.	8	<b></b> .	8		
APPLETON WECKER. (German weekly newspaper.) on second floor of 2-st. brick building; 2 horse power electric motor. Estab. 1881	6		6		190
APPLETON WOOLEN MILLS, mfrs, all grades of yarns and paper makers' felts; four buildings—one 3-st. brick and stone; one 2-st. brick; one 2-st. frame; one 1-st. frame; one one engine, 60 horse-power, 100 water-power. Estab. 1881	20	£0	40	9,500	8,000

Establishments Inspected.		UMBER MPLOYI	OF 18.	Cost of new building im- provements.	Cost of new muchinery.
	Male.	Fem.	Total	Cost of pulled prove	Cost
ATLAS PAPER CO., PULP MILLS, mfrs. ground wood pulp; six buildings — two 2 st. frame; two 1-st. frame; one 1-st. brick; one 1-st. stone; two boilers; 1500 horse-power (water). Estab. 1887	59		59		
ATLAS PAPER CO., PAPER MILLS, mfrs. manilla. colored poster and print paper. Five buildings—one 3 st. brick; one 2-st. brick and stone; three 1-st. brick; two boilers; 500 horse-power (water). Estab. 1578  This establishment is in excellent condition throughout.			••••		\$8,500
CARRICK C. F. & CO., mfrs. flour and feed. Two buildings—one 2-st. brick; one 2-st. frame; 75 horse power (water). Estab. 1884	5	 	5		
EAGLE MANUFACTURING CO., mfrs. haying tools and feed cutters Three buildings—one 2 st. frame; two 1 st. frame; 25 horse power (water). Estab. 1883	7		7	·······	540
EUREKA STEAM LAUNDRY. Occupies 1st floor of 2-st. building; one boiler; one engine; 5 horse power. Estab. 1891.  Ordered a cap placed over projecting key of fly wheel.	1	4	5	•••••	400
FAIRBANK & LAEHN, general repair and machine shop; one 1-st. brick building; 6 horse power (water). Estab. 1880.	5		5		
FALCONER, MILLER & POTTS, mfrs. shirts and pants. Factory on second floor of 2-st. brick building; 2½ horse power electric motor. Estab. 1893	8	7	10		400
FOX RIVER PAPER CO., THE, mfrs. fine tub sized writing and book paper. Ten building—four 4 st. brick; two 3-st. brick; two 2-st. brick; two 1-st. brick; eight boilers; two engines, 500 horse power; 1,000 horse power (water). Estab. 1888.  Extensive, substantial improvements have been made since former inspection; the machinery is all well guarded, means of exit ample and sanitary conditions first class.	90	81	171	<b>\$</b> 75,000	100,000
KIMBERLY & CLARK CO., mfrs. print and book paper. Six buildings—one 4-st. brick; one 8 st. brick; three 2-st. brick; one 1-st. frame: three boilers, 60thorse power (water). Estab. 1883	89	81	120.		
LEFFINGWELL & RUSSELL CO., mfrs. shirts and pants. Factors on 2d floor 3+t. brick building; 21/2 horse power electric motor. Estab. 1891	5	10	15		1,000
LYONS B, mfr. cigars. Occupies first floor of 2 st. brick building. Estab. 1873	9		9		
MANSER & RENNER, planing mill and custom woodwork. Three buildings—two 2 st. frame; one 1st frame; one boiler; one engine, 90 horse power, 30 horse-power (water). Estab. 1881	12	· 1	18	150	•••• ·•
MANUFACTURING INVESTMENT CO., THE, mfrs. sulphite pulp. Ten buildings—one 3 st. brick; one 2 st. brick; six 1 st. brick; two 1 st. frame; 120 ft. tower; eight boilers; 600 horse power (water). Daily capacity, 30 tons of pulp. Estab. 1891  Sanitary condition—Fair. Accidents—A workman in May, 1893, fell from a roof into a drainer and was killed; another workman was killed in	130	1	131		10, <b>60</b> 0

ESTABLISHMENTS INSPECTED.		MBER MPLOYE		Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Coat build prov	Cost
August, 1893, by a piece of wood flying from a bolting saw, striking his head. The tower contains five tanks; the plant uses eight digesters, each with a capacity of 30 cords of word. A thorough inspection of this plant shows all gearing and dangerous machinery to be well guarded; overhead walks with railings are provided for the use of workmen in oiling machinery: an especial feature is the use of a large bell which is rung before starting machinery. There is a fire company composed of employees, who are frequently drilled.					
MARSTON & BEVERIDGE, mfrs. hubs and spokes Six buildings—three 2 st., three 1 st. irame; 75 horse power (water). Estab. 1883	20	ļ,	20		··· ····
MORROW'S LAUNDRY. Occupies first floor of 2-st. brick building, 11/2 horse-power electric motor. Estab. 1892	8	4	7		\$600
MUENCH BREWING CO. Five buildings—two 3-st. brick; one 1-st. brick; two 1-st. frame; one boiler; one engine, 15 horse power. Estab. 1879	9		9		
PATTEN PAPER CO, THE, mfrs. print and book paper. Four buildings—one 2-st. and basement brick and stone; two 1-st brick; one 1-st frame; five boilers; one engine, 200 horse power, 500 horse power (water). Estab. 1863	50	40	90	<b>\$</b> 5,000	15,000
PATTEN PAPER CO, THE, mfrs, wood pulp. Three buildings—one 2-st frame; one 1-st. frame; one 1 st. brick; 400 horse power (water). Estab. 1884	16	ļ	16		
POST PUBLISHING CO., THE. Occupies second floor of 2-st. brick building; 5 horse power electric moter. Estab. 1857	18	2	15		600
RIVERSIDE FIBRE CO., THE, mfrs bleached and unbleached sulphite pulp. Five buildings—one 3-st frame, iron veneer; two 1-st: frame, iron veneer; one 1-st. brick; one 1 st. frame; three boilers; one engine, 180 horse power. Estab. 1893	42		42	89,000	80,000
SCHMIDT, L. C, mfr. cigars and tobacco. Factory in basement and first floor of 3 st. brick building. Estab. 1872	15		15	· · · · · · · · · · · · · · · · · · ·	
STAR BREWERY. Six buildings-one 6-st. brick; three 2-st. brick; one 2 st. frame; one 1-st. frame; one boiler: one engine, 30 horse power. Estab. 1880 Ordered a railing placed around fly-wheel of engine.	12	   	12	18,000	12,000
STIER, JOHN, mfr. cigars and tobacco. One 2-st. frame building. Estab. 1883	6		6	····	
TELULAH PAPER CO., THE, mfrs. news, print and book paper and ground wood pulp. Five buildings—ose 4 st. brick; one 2-st. brick, three 1-st. brick; five boilers; one engine, 750 horse power, 1,000 horse power (water). General condition very good. Estab. 1887	68	18	106		80,000
UNION TOY AND FURNITURE CO., THE, mfrs. toy express wagons, carriages and sleighs. Three build ings-two 2-st., one 1-st. frame; one boiler, 25 horse power (water). Estab. 1888	30		80		1,00

Establishments Inspected.	N E	UMBER MPLOYI	0 <b>3</b> °	Cost of new building improvements.	of new	
	Male.	Fem.	Total	Cost profit	Cost of machine	
VALLEY JRON WORKS MFG. CO., THE, mfrs. engines and general mill work. Six buildings—two 2-st. frame; three 1-st. frame; one 1-st. brick; 40 horse power (water). Estab. 1882.	80		80			
WEBSTER, W. M. & SON, planing mill. Two build- ings-one 2-st. frame; one 1-st. frame; 35 horse power (water). Estab. 1888	5		5			
WESTERN SCREEN PLATE WORKS, mfrs. screen plates. One 2-t., one 1-st. frame buildings; one boiler; one engine, 8 horse power. Estab. 1879	5		5	\$500	<b>\$2</b> 50	
WIECKERT CO., THE, mfrs sash, doors, blinds, office, saloon and store fixtures. Four buildings—one 3-st. frame; two 2-st. frame; one boiler; one engine, 55 horse power. Etab. 1891.  Ordered guards placed on three rip saws; railing placed around fly wheel. Accident.—A workman lost one finger on a swing-saw.	25		25	9,475	6,000	
WILLY & CO., nerchant millers. Five buildings—one 4 st. brick; one frame 70 ft. elevator; two 1-st. frame; one 1-st. brick; two boliers; one engine, 150 horse power. Water mill estab. 1881; steam mill 1892.  Accident.—The assistant engineer was instantly killed by the explosion of a boiler Jan 13, 1894.  The explosion demolished the engine and boiler house with a loss to property of \$8,000.  Daily capacity of mills, 400 bbls.	28		23	15,000		
WISCONSIN MALT AND GRAIN CO., THE, mfrs. mait by the Saladin, pneumatic process. Seven buildings—one 4-st. brick; one 4-st. frame, iron veneered; two 1-st. brick; one 1-st. frame, one 70 ft. frame elevator; one 40 ft. frame elevator; two boilers; two engines, 75 horse power; two electric motors, 44 horse power. Estao. 1892	18		18	80,000	10,000	
WOODARD'S BAKERY, mfr. sweet goods and confectionery. One 2-st. frame; one 1-st. frame; 4 horse power water mctor. Estab. 1884	7	1	8	·	480	
ARBOR VITAE-VILAS CO.		.	İ			
Reported by firm.  ROSS LUMBER CO THE, mfre. lumber, lath and ahingles. Four boilers; one engine, 300 horse power. This is a new establishment, costing \$35,000. Began sawing December, 1893.	75		75			
ASHLAND-ASHLAND CO.					_	
Inspected July, 1898, by Van Etten.			l			
ASHLAND BOTTLING WORKS, bottlers of mineral water and soft drinks; three 1 st. frame buildings Estab. 1893.	5	. <b></b>	5	750	<b>95</b> 0	
ASHLAND BREWERY. Four buildings—one 2 st., frame; three 1 st. frame; one boiler; one engine, 16 horse power. Estab. 1887	7		7	700	1,000	
ASHLAND CIGAR & TOBACCO CO., mfr*, cigars. One 3 st. brick building. Estab. 1887	42	8	45	- <b></b> -		

Report of Inspection-Continued.

ESTABLISHMENTS INSPECTED.		Number of Employee		of new ling im- ements.	of new binery.
	Male.	Fem.	Total	Cost of n building provemen	Cost of machine
ASHLAND DAILY NEWS., THE, Printing and pub- lishing; occupies basement of 8-st. brick building; one boiler; one ongine, 8 norse power. Estab. 1885.	15		15		
ASHLAND DAILY PRESS., THE, Printing and publishing; occupies first floor of 2-st. brick building; one boiler; one engine, 5 horse power. Estab. 1871	14		14		\$500
ASHLAND FOUNDRY CO., THE, mfrs. iron and brass castings. One 2 st, and one 1-st. frame buildings; one boiler, 12 horse power. Estab. 1892	10		10	<b>\$3</b> , 000	2,800
ASHLAND FURNITURE CO., THE, mfrs. store and office fixtures. One 2 st frame; two l-st frame; one boiler; one engine, 25 horse power. Firm has since gone out of business. Estab. 1886	9		9	. <b></b>	1,200
ABHLAND IRON AND STEEL CO., THE, Six build dings—one 2 st. brick; five 1 st. brick; five boilers; four engines, 616 horse-power. Es ab. 1888  Accidents.—A workman had his leg broken by the falling of frozen ore; another workman was severely hurt by a fall through the roof.	80		80	1,800	
ASHLAND LIGHTING & STREET RAILWAY CO. Two 1-st, brick buildings; four bollers; four engines, 620 horse power. Electric lighting established 1885; railway established 1891.  Of the 30 employees 15 are motor men and conductors. The company owns and operates 61/2 miles of street railway.	80	•••	80	1,5000	81,000
ASHLAND STEAM LAUNDRY. Occupies 1st floor and basement of 2 st frame building. Estab. 1887 Firm has since gone out of business.	4	12	16		550
AShLAND SULPHITE FIBRE CO, THE, mfrs. sulphite fibre. Six building—one 4-st. frame; two 2-st frame; two 1-st frame; two 1-st brick; two digesters; three boilers; two engines 150 horse power. Estab. 1893.  Daily capacity, ten tons dry sulphite fibre.	60		60	20,000	40,000
ASHLAND WATER CO., THE. One 2 st. frame; one 1-st frame; two engines, 200 horse power. Estab. 1881	6		6		
BITZER, FRED, mfr. cigars; one 2-st. brick building.	8	. <b></b>	8		
DOHERTY BERNARD, mfr. lumber. Five buildings — one x-st. frame; three 1 st. frame; one 1-st. stone; three boilers; one engine, 80 horse power. E-stab. 1873	60		60	500	550
DURFEE, W. R., mfrs. lumber and lath. Six buildings—one 3 st. frame; two x-st. frame; three 1 st. frame; four boilers; one engine. !0 horse power. Estab. 1879. Cut of mill, 1892, 8,000.000 feet lumber, 1,000,000 lath.	то		70		1,500
EXCELSIOR BROWN STONE CO., THE, mfrs. lumber. two i.st. frame buildings; one boiler; one engine, 60 horse power. Estab. 1863 Mill located at Wilson's Island.	20		200	600	2,500
EXCELSIOR BROWN STONE CO., THE. Quarrying stone. Seven buildings—five 1-st. frame: two 2-st. frame; five boilers; four engines. 180 horse-power. Estab. 1891	75		75	2,000	4,000

Establishments Inspected.		Number of Employes.		Number of Employes.		Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost	mach		
KENNEDY, D. A., mfr. lumber. One 2-st and two 1-st. frame buildings; three boilers; one engine, 150 horse power. Estab. 1891.  Cut of mill, 1892, 13,500,000 feet lumber.  Accident.—The sawyer had his arm broken by the carriage striking him.	86	. <b></b>	86				
KEYSTONE LUMBER CO., THE, mfrs. lumber and lath. Five buildings one "a-t. frame; three 2 t. frame; one l-st frame; six boilers; one engine, 800 horse power. Estab. 1881	150		150		<b>\$</b> 2,500		
LAKE SUPERIOR COAL CO., THE, dealers in coal. One 1 st. frame; five tower-houses; five derrick; two boilers; two tagines, 125 horse power. Estab. 1886 Accident.—One workman had a leg broken; an- other had an arm broken by falling coal.	60		50				
MILWAUKEE, LAKE SHORE & WESTERN RY., REPAIR SHOPS. Seven buildings—five I st. brick; two 1-st. frame; one belier; one engine, 30 horse power. Estab. 1887	38		8.8				
MOWATT, D. W., mfrs. lumber and lath. Five buildings—two 2st and three 1-st frame; five boilers; three engines, 225 horse power. Estab. 1883	70		70	<b>\$600</b>	900		
NEW STEAM LAUNDRY., THE, Oue 1-st. frame building. Power furnished by N. S. Sop r. Estab. 1892	6		6	750	4,500		
NEWTON, I. P., mfr. lumber. Five buildings—one 2st. and five 1 st. frame; four boiler»; two engines, 215 horse power. Estab. 1889. Out of mill, 1892, 10,000,000 feet lumber. Firm name since changed to Ashland Lumber Co.	<b>96</b>		96	6,300	6, 500		
NORTHERN GRAIN CO, THE, mfrs. flour, feed and corn meal. Two 4 st. frame buildings; two boilers; one engine, 120 horse power. Estab. 1890	30		80	ļ 	10,000		
NOVELTY IRON WORKS. THE, mfrs. b ilers, en- gines, smoke stacks etc. Two 2-st., two 1-st. frame buildings; one boiler; one engine, 20 horse power. Estab. 1884	18		18	8,000	2,550		
OHIO COAL CO, THE. Four 1 st frame buildings; four bo'lers; four engines, 120 horse power. Estab.  1888	85		35	2,000			
PARISH MANUFACTURING CO., THE, mfrs. saw. mill machinery, steam engines, etc., and general repair shops. Eleven buildings—three 2 st. frame; seven 1-st. frame; all iron veneered; one 1-st. brick; two boilers; two engines, 115 horse power. Estab. 1889  This company carries an immense stock of pat-	80	1	81				

ESTABLISHMENTS INSPECTED.	Nt Ei	Number o Employes		Cost of new building improvements.	of new
	Male.	Fem.	Total	Cost build prov	Cost of mechin
PARSONS, R. W., mfr. cigars. Occupies second floor of 2-st. brick building. Estab. 1888	9		9		
SCOTT, HUBBELL & TAYLOR, mfrs. saah, doors, blinds and general woodwork. Seven frame buildings—one \$st., six 1 st., one frame dry kiln. Estab. 1887.  **Accident.**—An employee lost three fingers on a jointer, firm paid doctor bills and wages while he was recovering. A fire in Feb., 1892, caused a loss	85		35	<b>\$</b> 1, <b>2</b> 12	\$1,100
of \$1,800.  SHORE'S LUMBER CO., THE, mfrs., lumber, lath and shingles. Five buildings—one 2-st. frame; tour i-st. frame; eleven boilers; five engines, 375 hore-power. Accident.—A wors man lost his right arm on a saw, the saw carriage throwing him against the saw. Mill closed at time of inspection (July 28, 1898.) owing to strike of dock laborers. The workmen, who all belong to a union, have established the wages for loading vessels at 50 cents per hour. When the company sought to reduce the wages to 40 cents per hour the strike occurred. Non-union men were immediately hired at 35 cents per hour. Estab. 1890.	200		200	<b>2,500</b>	500
SOPER, N. S., mfr. wagons and sleighs. One 2-st. frame building; one boiler; one engine, 15 horse power. Estab. 1888.  A fire May 10, 1898, caused a loss of \$4,000.	10		10	600	400
SUTHERLAND, W. R., mfrs, lumber, lath and shingles. Six buildings—one 2-st. frame; five 1-st. frame; four boilers; two engines, 170 horse-power. Estab. 1889.  Cat of mill, 1892, 15,000,000 feet lumber, 750,000 lath, 2,000,000 shingles.	90		90	2,500	16,000
AUBURNDALE-WOOD CO.	-				
Inspected Feb., 1894, by Van Etten.  R. CONNER CO., THE, mfrs. lumber, lath and shing-les. Three buildings—one 3-st. frame; two 1-st frame; three boilers; one engine, 100 horse power. Estab. 1875 Cut of mill for 1892, 3, 371, 650 feet lumber. A fire in Oct., 1891, destroyed planing mill, loss \$4,000.	71		71	· • • • • • • • • • • • • • • • • • • •	
BALDWIN-ST. CROIX CO.	l				
Inspected August, 1893, by Van Etten. THOMPSON BROS., mfrs. wagons, carriages, etc., One 2-st. frame; two 1-st. frame; one boiler; one engine, 13 horse power. Estab. 1879	6		6		55
BANGORLA CROSSE CO.	l	ŀ			
Inspected March, 1893, by Van Etten.  BANGOR BREWERY. One 2-st. stone; two 2-st. frame; one 1 st. brick; one boiler; one engine, 8 horse power. Estab. 1838	5		5	6,000	1,600
BARABOO-SAUK CO.					
Inspected April, 1898, by Van Etta.		İ			
ASHLEY, J. B. Laundry. Occupies basement and first floor of 2-st. brick building. One builer; one engine, 15 horse power. Estab. 1887	2	7	9		100

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ESTABLISHMENTS INSPECTED.		Number Employe		of new ing im-	Cost of new machinery.
	Male.	Fem.	Total	Cost of n building l provemen	Cont
BARABOO BREWERY. One 2-st. brick building. 5 horse power water motor. Estab. 1887	5	ļ	5		\$150
BARABOO IRON WORKS, mfrs. house work, kettles, lamp-posts. etc. Fve buildings-one 2-st. and four 1-st. frame; 15 horse power (water). Estab. 1881  Accident.—A ladle of hot metal was overturned upon the frozen ground where it exploded badly burning a workman about the head.	8		8	<b>\$3</b> 5	100
BARABOO KNITTING FACTORY, mfrs. mittens. Occupies second floor of 2 st. brick building. Estab. 1899	1	4	5		
BARABOO REPUBLIC. Occupies first floor of 2-st. brick building. 2 horse (water motor). Estab. 1887.	4	2	6		800
BARTZ, AUGUST, mfr. cigars. Occupies first floor of 2st. frame building. Estab. 1882	4	2	6		
CHICAGO & NORTHWESTERN RAILWAY SHOPe. General car-repairing. Six buildings—one 2-st. frame; two 1-st. brick; three 1-st. frame; two boilers; one engine, 50 horse power. Estab. 1871	1:0		110		······
EFFINGER, F., brewer. One 2-st. brick building; one boiler; one engine, 15 horse power. Estab. 1885	5		5		300
ISLAND WOOLEN CO., mfrs. woolen cloth. Five buildings—two 3 st. frame: one 1-st. brick; one 1-st. stone; one 1-st. iron; two boilers, 100 horse power (water). Estab. 1825.  Ordered fire-escape placed on main building; main doors of new addition changed to open outward. General condition of plant, first-class. The company has its own electric light plant. The entire factory is steam heated.	80	80	135	<b>2,</b> 500	10,641
McARTHUR, GEORGE, mfr. fine turkish towels. One 2-st frame building; 19 horse power (water). Ordered main doors changed to open outward, Business was established at Appleton in 1888 and re- moved to Baraboo in 1892.	6	8	14	1,400	
SAUK COUNTY DEMOCRAT. Occupies 2d floor of 2 st. building. Estab. 1879	8	2	5		
VANDEVEER, J. N., planing mill and general contractor. One 2 st. frame building; one boiler; one engine, 20 horse power. Estab. 1884	5		5	· · · · · ·	200
WALTON, A., mfr. tight barrel staves, headings and lumber. One 3 st. frame; two 1-st. frame; one boiler; one engine, 25 horse power. Business was establi-hed at Ableman in 1875 and removed to Baraboo in 1891  Ordered a railing placed around main drive-belt and wheel of engine.	15		15	500	160
BARRON-BARRON CO.			ł		
Inspected Feb., 1894, by Van Etten.  BARRON ROILER MILLS. One 8 st. frame building; 80 horse power (water). Estab. 1884	6		6		2,00
BARRON WOOLEN MILLS., mfrs. all wool flannels, cassimeres, dress goods, blankets. etc. One 2-st. and basement frame; two 1-st. frame; one boiler, 75 horse power (water). Estab. 1884.	18	9	88	300	<b>35</b> 0

Report of Inspection—Continued.

Establishments Inspected.		Number of Employes		of new ling im- ements.	of new hinery.
	Male.	Fem.	Total	Cost of p building i provemen	Cost of machine
McKESSON, J. W. & SON, mfrs. flour barrel stock. Three i-st. frame buildings; one boiler; two engines, 88 horse power. Estab. 1889	17		17	\$700	\$1,900
STEBBINS, M. T., mfrs. staves and headings. Three 1-st. frame buildings. Estab. 1891 Output 1892, 578,000 sets of barrel headings, 1,200,000 staves, 40,000 sets white oak headings.	28		28	100	900
BARNUM-CRAWFORD CO.					
Inspected April, 1898, by Vdn Etten.					
LATHROP, P. A., & CO., mfrs. hard wood lumber. One 1-st. frame building; one boiler; one engine, 25 horse power	7		7	230	1,000
BARRONETTBARRON CO.					
Inspected August, 1893, by Van Etten.					
BARRONETT LUMBER CO., THE, mfrs. lumber, lath and shingles. Ten buildings—one 3-st. frame boarding house; two 2-st frame; six 1-st. frame; one 1-st. brick; six boilers; three engines, 220 horse power. Store and boarding house run by firm. Estab 1880 Cut of mill, 1892, 17,000,000 leet lumber, 4,000,000 lath, 17,000,000 shingles.	150		150	200	1,800
BAYFIELD-BAYFIELD CO.					
Inspected August, 1893, by Van Etten.					
BAYFIELD BOX FACTORY, mfrs headings, boxes, etc. One 2 st, frame; two 1-st frame; two boilers, two engines, 90 horse-power. Estab. 1890	<b>28</b>	· · • • • • • • • • • • • • • • • • • •	28	2,000	1,500
BAYFIELD BROWN STONE DEVELOPMENT CO., THE, quarrying stone. One 1st. stone building; three boilers; three engines, 60 horse power. Estab. 1889.	15		15		
PIKE, R. D., LUMBER CO., THE, mfrs. lumber. Six buildings—one 2-st. frame; four 1-st. frame; one 1-st. brick; six boilers; three engines, 275 horse power. Estab. 1850	100		100	4,000	500
Cut of mill, 1892, 15,500,000 feet lumber.				·	
BEAVER DAMDODGE CO.					
Inspected Oct., 1893, by Van Etten.  BEAVER DAM COTTON MILLS, THE, mfrs. cotton cloth. One 3 st. brick; two 1 st brick; two bollers; one engine, 200 horse power (steam), 140 horse power, (water). Estab. 1872	60 .		60	1,800	200
BEAVER DAM MALLEABLE IRON CO, THE, mfrs. all kinds of malleable iron. Five buildings—one 2st. frame; four 1st. frame; two boilers; one engine, 50 horse power. Estab 1892 Ordered main doors changed to open outward. Works just starting up at time of inspection; when running full capacity will employ 125 men. Buildings all in first class condition.	20		20	10,000	11,500
BEAVER DAM STEAM LAUNDRY. One 1-st. and basement frame, iron veneered; one bolier; one engine, 8 horse power. Estab. 1893	8	2	5		1, 150

Establishments Inspected.		UMBER MPLOYI		of new ng im- ments.	of new itemy.
	Male.	Fem.	Total	Cost of n building	Cost o
BEAVER DAM WOOLEN MILLS, mfrs. woolen cloth; One 2-st. brick; two 1st frame; one boiler; 70 horse power (water). Automatic sprinklers on all floors. Estab. 1866.	32	24	56		\$1,500
EMPIRE ROLLER MILLS, THE, mfrs. flour and feed. One 8-st. frame; one 2 st. frame; one 1-st. brick; one boiler; one engine, 65 horse power. Estab. 1952 Odered a cover placed over gearing on purifier on 2nd floor of mill.	5	••••	5		1,000
LAKE SHORE CREAMERY, THE, m'rs. butter. Four buildings-three 2st. frame; one 1 st. stone; one boiler; one engine, 10 horse power. Estab. 1888	4	1	5		25
ORDWAY, A. F. & SON, mirs. mill machinery. Two 1-st. frame; one 1-st. frame; one boller; one engine, 20 horse power. Estab. 1888	15	<b>.</b>	15		1,000
ROWELL, J. S., MFG. CO., THE, mfrs. agricultural implements. Eight buildings—one 8-st. brick; two 2-st. brick; one 2-st. frame; three 1-st. brick; one 1-st. frame; two bollers; two engines, 60 horse-power. Works closed at time of inspection. Estab. 1855	20		120	<b>\$</b> 5,000	
WOOLEN MFG. CO, OF BEAVER DAM, THE, mfrs. fine worsteds and cassimeres. Five brick buildings—one 3-st. and basem-nt; one 2-st. and basement; three 1-st; two boilers; one engine, 75 horse power (steam) and 65 horse power (water). Estab, 1858 Ordered two girls under 14 years discharged; four windows on 3d floor leading to fire escape, to be hung with hinges.  **BELDENVILLE-PIERCE CO.**	80	75	125		
Inspected June, 1898, by Van Etten.					
BELDENVILLE LUMBER CO., mfrs, hard-wood lumber and veneer. Five 1-st. frame buildings; three boilers; three engines, 118 horse power. Estab. 1884.  Accident.—A workman lost a finger on a trimmer.	48	••••	48		
BRIMMER & McREVE, mfrs. staves and headings. Three 1-st. frame buildings. Two boilers; one engine, 60 horse power. Estab. 1885	25		25		 
LARSON BROS. & WOOD, mfrs. hard-wood lumber. One 1 st frame building; one boiler; one engine, 65 horse power. Estab. 1890  Accident.—A workman had his leg broken by a log rolling on him.	28		28	•• •••••	509
BELL CENTER-CRAWFORD CO.					
Inspected April, 1898, by Van Etten.					
TATE, W. W. & CO., mfrs, lumber, feed and planing mill. Two 2-st. trame buildings. Estab. 1880	15		15	5,000	1,509
BELL SIDING—BAYFIELD CO.  Inspected August, 1893, by Van Etten.  JACKSON, AUGUST, mfr, lumber; two 1-at. frame buildings; one engine; one boiler, 75 horse power  Mili closed at time of inspection.	14	••••	14	<b>; 250</b>	800
BELOITROCK CO.	l	į			
Inspected Dec. 1898, by Van Etten.					1
BARRET, S. E. MFG. CO., prfrs, building, pulp line, and sheath board paper. Five buildings—one 2 st.				}	

ESTABLISHMENTS INSPECTED.		NUMBER OF EMPLOYES.					
	Male.	Fem.	Total	Cost of rebuilding provemen	Cost of new machinery.		
brick and frame; two 1.st. frame; two 2.st. stone; six boilers; one engine, 800 horse power (steam), 275 horse power (water). Estab. 1880	84	1	85 ,		\$14,000		
BELOIT CARBIAGE WORKS, mfrs, wagons, car- riages and sleighs. One 2-st. stone and frame build- ing. Estab. 1871	6		6	. <b></b>			
BELOIT DAILY AND WEEKLY NEWS, THE., Occupies second floor of 8-st. brick building. One 2 horse electric motor. Estab. 1879,	12		12		680		
BELOIT ELECTRIC LIGHT PLANT. Electric light and power. One 1-st. brick; one 1-st. frame; two bollers; two engines, 853 horse power. Eta. 1837	7		7	\$500	5,000		
BELOIT FREE PRESS. THE. One 2 st and basement stone and brick; 5 horse power electric motor.  Estab. 1848	15	8	18	2, 600	850		
BELOIT IRON WORKS., THE, mfrs, parer machin- ery. Two 2-st, two 1-st., frame buildings; one boller; one engine, 85 horse power (steam), 100 horse power (water). Estab. 1857	114	1	115		6, 900		
BELOIT SCALE WORKS, THE, mfrs. platform and stock scales. One ε-st stone; one 1-st. stone; two 1-st. brick; 15 horse power (water). Estab. 1844	18		18	8,000	2,000		
BELOIT STEAM LAUNDRY, THE Occupies 1-st. frame building; one engine; one bolier, 10 horse power. Estab 1893	İ	   8	5	475	918		
BERLIN MACHINE WORKS, THE, m rs. special wood working machinery. Thirteen buildings—one 3-st. brick; one 3-st. frame, from veneered; one 2-st. frame, four 1-st. stone; one 4-st. frame, four 1-st. stone; one 4-st. frame, from veneer-d; one 1-st. brick; two boliers; one engine, 200 horse power Accident.—A workman was crushed to death in a large planer, while oiling. The plant has been very much enlarged since former inspection, more than doubling the capacity. Everything is in first-class condition; special effort has been made for the safty and comfort of employees. The machinery is all well guarded, with ample room for machinery and workmen. Estab. 18:7			180	653	14,158		
BESLEY, CHAS. H. & CO., mfrs Gardner disc-grinders, Gardner parallel clamps, Gardner screw-plate. One 2st. frame; to 1st. frame; one 1-st. stone; 40 horse-power (water) Estab. 1888		1	18		2,900		
BLODGETT MILLING CO., THE, mfrs. rye and buck- wheat figur. Five buildings—one 3 st. stone; two 2-st. frame; two 1-st. frame; it's horse power (water). Estab. 1849		1	19	800	5,400		
CITY STEAM LAUNDRY, THE. Occupies first floor of 2-st. brick building. One engine; one boiler, 8 horse power. Estab. 1888	1	7	10		2,		
CRAHEN, P. H., mfr. cigars. Occupies first floor of 2.st, frame iron veneered building. Estab. 1879	1	5	13				
CUNNINGHAM BROS, mfrs. sash, doors, blinds and general contracting. One 2-st. frame; two 1-st frame; one boiler; one engine, 23 horse power. Estab. 1873.	50	<u> </u>	50	500			

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Establishments Inspected.		Tumber of Cmployes.		NUMBER OF EMPLOYES.		Number of Employee		Cost of new building im- provements.	of now blacty.
	Male.	Fem.	Total	Dung	OOB				
DOWD, R. J., mfr. machine knives. One 2-st. brick; one 1-st. brick; two 1-st. frame; one boiler; one engine, 35 horse-power (steam), 55 horse-power (water). Estab. 1877.	8	1	9		\$1,800				
DULHANTY, T., mfr. cigars, Occupies first floor of 8- st, brick building. Estab. 1893	8	8	6						
ECLIPSE WIND ENGINE CO., mirrs. wind mills, tanks, steam pumps, steam hoisting engines. Sixteen buildings—one 2-st. stone; one 2-st. frame; one 1-st. stone; five 1-st. brick; eight 1-st. frame; three boilers; three engines, 170 horse power. E-stan, 1872. Ordered guards placed at elavator openings. Since former inspection, this establishment, like several establishments here, has made extensive improvements increasing its capacitymore than a hundred fold.	250	2	252	<b>\$</b> 12,000	20,000				
EUREKA STEAM LAUNDRY. Occupies basement and 1st floor of \$\psis. building; one boiler; one engine, 10 horse power. Estab, 1885	2	18	15		130				
FERGUSON BROS., mfrs. buggles and sleighs. One 2-st. frame building. Estab. 1892	6		6	850					
FOSS, J. F., mfr., wagons and carriages. Two 2-st. stone buildings. Estab. 1870	5		5						
FOSTER, JOHN & CO mfrs. ladles fine shoes. Three 2-st. brick; one 1-st. brick; two boilers; one engine, 35 horse power. Estab. 1870	85	40	125		·····				
GESLEY MFG. CO, mfrs. sulky cultivators, sulky plows, Beloit stirring plows, etc. One 2-st. brick; one 2-st stone; one boiler; one engine, 12 horse power. Estab. 1890	10		10	<b>.</b>					
HANSEN, C. & SONS, mfrs. Norway clipper plows and general repair work. One 2-st. frame building; one boiler; one engine, 15 horse power. Estab. 1889	5		5 .						
JOHNSON, O. J., mfr. wagons, carriages, sleighs. Two 2-st. frame buildings. Estab. 1875	5		5						
LEESON & WE-TRIP, machine shop. Occupies first floor of 2-st. brick building; one boiler; one engine, 6 horse power, Estab. 1890	5		5	<b></b> .					
LEONARD. H. J. MFG. CO., mfrs. g'oves and mittens. On first floor of v-st. frame building; three horse power (water). Estab. 1885	14	6	20	· • • • • • • • • • • • • • • • • • • •					
McEVOY, J. C. & CO., machinists and founders. One 2-st. frame; one 1 st. frame; one boiler; one engine, 8 horse power. Estab. 1881	6		6	400	300				
OLIVER, CHARLES, mfr. cigars. Factory on second floor of 2-at. brick building. Estab. 1884	8	8	6 .	· · · · · ·					
PURVES, THOMAS, mfr. cigars. One 2 st. and basement frame building. Estab. 1879	8	22	80	2,300					
ROCK RIVFR PAPER MILLS, THE, mfrs. building and wrapping paper. Two 2-st. stone; one 1-st. stone; one 1-st. frame; two bollers; 25 horse-power (water). Estab. 1839	17	4	91						

Establishments Inspected.		Number Employe		Cost of new building im- provements.	of new
	Male.	Fem.	Total	Coet build prove	10 E
ROSENBLATF, H. & SONS, mfrs. workingmen's shirts, pants and overalls. One 2-st. brick; one 1-st. brick and stone; one boiler; one engine, 20 horse. power. Estab. 1879	20	150	170		\$350
8ALMON MILLING CO., mfrs. flour and feed. 125 horse power (water). Estab. 1881	10	1	11		1,000
THOMPSON, J. & SONS MFG. CO. (Limited), mfrs. Norwegian plows, prairie breakers, Ole Olson sulkies and gangs, cultivators, harrows, etc. Six buildings two 3 st. brick; one 1-st. and basement frame; one 1 st. frame; one 1 st. brick; two bollers; one engine, 300 horse power. Estab. 1860  This is one of the sub-tantial industries of Beloit. The machinery is all well guardel, and means of escape from fire excelent.	1	1	91	\$30,000	4,800
WILEY-WARNER ELECTRIC CO, THE, electric light and power. One 1-st. frame; one 1-st. stone; one belier; two engines, 276 horse power. Estab. May, 1891	5		5	500	18, 500
FAIRBANKS, MORSE & CO., mfrs. Williams, Green, Wheelock and gas engines, friction clutch pulleys, shafting, hangers, pedestals, etc. Oac 2-st. frame; one 1-st. brick; two 1-st frame; one engine; one boller, 80 horse power. Estab. 1885, 1889	109	1	110	•••••	2,500
BENOIT-BAYFIELD CO.				!	
Inspected August 1998, by Van Etten. BENOIT LUMBER CO, THE, mfrs. lumber and shingles. One 3-st. frame; three 1-st. frame; two bollers; two engines; 85 horse power. Estab. 18.0	80		80		
BERLIN-GREEN LAKE CO.		- 1			
Inspected Oct., 1893, by Van Etten.  BERLIN JOURN 'L. daily and weekly Occupies 2d floor of 2-st. brick building; one gas engine, 2 horse power. Estab. 1870	7	5	12		250
BEBLIN AND MONTELLO GRANITE CO quarrying stone. Seven buildings—one 2-st. frame crusher; five 1-st frame; one 1-st stone; three boilers; four engines, 135 horse power. Estab. 1884	56		56	650	850
DECKER & WILSON, steam fitting, general iron work, and mfrs. hard wood lumber. One 3-st. and basement frame; one boiler; one engine, 25 horse power. Estab. 1892	5		5	3,000	8, 850
DEIBLER, N. & SON, mfrs. wagons, carriages and sleighs. One 2-st. and one 1-st. frame; one boiler; one engine, 10 horse-power. Estab. 1865	6		6		••••••

ESTABLISHMENTS INSPECTED.	N ₁	MBER MPLOYI	OF E8.	Cost of new building im- provements.	t of new shinery.
	Male.	Fem.	Total	Cost o	Contract
JOHNSTON, NILS, foundry and wachine shop, and mir. bee hives. One 2-st. frame; one 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1867	5		5		\$230
LUTHER, HENRY CO., THE, mfrs. brooms and wash- boards. One % st. brick; one 2-st. frame; one 1-st. brick one boiler; two engines, 85 horse power. Business of manufacuring washboards was established in 1894; that of manufacuring brooms in 1892	17	7	24	<b>\$</b> 550	1,550
MODEL STEAM LAUNDRY. On first floor of 2-st. brick building. One boiler; one engine, 8 horse power. Estab. 1886	8	8	5		980
MORRIS, CHAS. S. mfr. brick. Two 1-st. frame buildings and several sheds. Estab. 1885	16		16		····
MORRIS, CHAS. S., m'r flour and feed. One 21/st frame; one 11/s st. frame; one 1.st frame, buildings; one boiler: one engine, 60 horse power.  Estab. 1878 Ordered a handrall placed on inside stairway.	9		9	. <b></b> .	
MURPHY, J. E., mfr. butter-tubs and cheese-boxes. One 1-st. brick; one 1-st. trame; two boilers; one en- gine, 12 horse power. Estao. 1889	•	l <b> </b> ··· ··	7		850
PUTNAM SHOE CO., THE, (limited) mfrs boots and shoes. One 3 st and basement brick building. One boiler; one engine, 35 horse power.  Estab. 1839		26	74	••••	2, 181
STILLMAN, WRIGHT & CO., mfrs. flour and feed. Five buildings—one 4 st. and basement brick; one frame elevator iron veneered; one 1-st brick; one 1 st stone; one 1-st frame; two boilers; one engine, 200 horse-power. Estab, 1860	1	6	81	1,200	550
BIG WAUSAUKEE-MARINETTE CO.	1	ļ	1		
Reported by firm February, 1894.  BIRD & WELL'S LUMBER CO., THE, mfrs. and shippers of lumber, lath and shingles, cedar posts and poles, planing mill. One 1-st. frame building. Estab.  1883.  "Saw-mill was burned December 20, 1893, expect to rebuild as soon as weather will permit."	198		198		
·					
BIRNAMWOOD-SHAWANO CO.	1	1	1	l	
Reported by firm January, 1894.  ROEPKE & MEISSNER, mfrs. lumber, lath and shing- les. One boiler; one engine, 45 horse power. Estab.  1889.			200		
VAN DOREN & ANDREWS, mfrs. lumber, excelsior and staves; two boilers; one engine, 50 horse power. Estab. 1883			80	8,000	2,000

Establishments Inspected.		UMBER MPLOT		Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost of pulldiprove	Cost
BLACK CREEK-OUTAGAMIE CO.					
Reported by firm January, 1894.  HAGEN, CHAS. J., PLANING MILL, mfrs. cheese boxes, etc. One 2-st. frame; one 1 st. frame; one boiler; one engine, 35 horse power. Estab. 1885  New factory built in 1893.	12		12	\$1,800	\$2,000
BLACK RIVER FALLS—JACKSON CO. Inspected April, 1893, by Van Etten.					
BLACK RIVER FALLS STARCH CO., mfrs. potato starch. One 1-st. frame; one 1-st. brick; one boller; one engine, 45 horse power. Idle at time of inspection, will resume in September. Estab. 1890	5		5		
McGILLIVRAY, J. J., mfr. sash, doors, blinds and general wood work. One 2-st. and basement frame; two 1-st frame; 30 horse power (water). Estab. 1838.  Ordered guards placed on two rip saws. A fire April 1st. 1892, destroyed the plant and buildings, loss \$24,000. Has since been rebuilt.	14		14	8,500	6,500
MARTINS, M., mfr. flour and feed. One 8-st. brick; one 2-st. frame; one 1-st. brick; one boiler; one engine, 53 horse power. Estab. 1883	5		5	800	550
PRICE MFG. CO., THE, founders and machinests. Five buildings — one 1 st. frame: one 1 st. stone; three 1 st. frame; 10 horse power (water). A small fire occurred in 1891, loss \$200. Estab. 1888	5	ļ. <b></b>	5		
SAMDAHL, SIMON, custom made clothing. On second floor of 2-st. brick building. Estab. 1881	5		5		100
8PAULDING, JOHN D., mfr. wagons, sleighs, and general repair work. One 2 st. stone building. 25 horse power (water). Estab. 1869	8		8		••••
BOARDMAN-ST. CROIX CO.					
Inspected August, 1898, by Van Etten.		ļ		1	
JOHNSON, JAMES & CO., mfrs. flour and feed. Six frame buildings—one 3-st.; one 2-st., four 1-st; four boilers; two engines, 275 horse power, (*tram) 125 horse power (water). Estab. 1875	19		19	500	2, 500
BOSCOBEL-GRANT CO.		1	1	1	Ĭ
Inspected April, 1893, by Van Etten.  ABLEITER, M., mfr. wagons and sleighs. One 3-st. frame; one 3-st. frame; two 1-st. frame, Estab. 1866.	5		5	3,006	
DIAL, THE, weekly newspaper. One 2-st. frame building. Estab. 1872.	5		5		800
MEYER, EDWARD, m'r. staves and headings. One 1-st. frame building; three boilers; one engine, 36 horse power. Estab. 1875.	11		11		800
RUKA BROS. MFG. CO., THE, (limited). Plant A, machinists and founders, mfrs. wagons, sleighs, har rows, scrapers. One 2-st. brick: one 2-st frame; one 1-st. frame; one boiler; one engine, 40 horse power. Estab. 1879	27		27	650	1,000
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Establishments Inspected.		Number of Employes.		Cost of new building im- provements.	Oost of new machinery.
	Male.	Fem.	Total	Cost	Oost
RUKA BROS. MFG. CO THE. (limited). Plant B, mfrs. lumber. Two 1-st. frame buildings and sheds; one boiler; one engine, 40 horse power. Estab. 1-83. Accident.—A young man engaged in hauling logs into the mill on a car neglected to slacken the speed of the car when it struck the timbers with such force as to throw the logs off the car on to him. fatally injuring him. The company paid doctor bill and tuneral expenses.	20		20		<b>\$</b> 900
BOYD-CHIPPEWA CO.					
Inspected March, 1894, by Van Etten.			1		
CIRKEL, J. W & SONS, mfrs. flour barrel stock and lumber. Five 1-st. rame buildings; five boilers; three engines, 195 horse power. Estab. 1881	59		59		200
MURRAY, M., ESTATE, mfr. tight barrel staves, headings, etc. Three 1 st. frame buildings; one boiler; one engine, 45 horse power. Estab. 1885	16		16		
BROADHEAD-GREEN CO.					
Inspected March, 1894, by Van Etten.	}				
BARR, ORSON, mfr. carriages, wagons, etc. One 2st. brick; one 2st. frame. Estab. 1882	8		8		
BARTLETT & SONS, mfrs. carriages, wagons and sleighs. One 2-st. brick; two 2 st. frame; one 1-st. frame. Estab. 1872	9	. <b>.</b>			
BRODHEAD FOUNDRY & MACHINE SHOP. One 2-st. frame; one 1-st. frame; one boiler; one engine, 7 horse power. Estab. 1868	· 5		5	\$20	 
LAUBE & DURNER, mfrs. of carriages, wagon, etc. One 2-st. brick; one 2-st. frame; one 1-st. frame. Estab. 1866	6		6		
PIERCE, GEO. M., mfr. agricultural implements. One 2-st. frame building; 10 horse power (water). Estab. 1878	8		8		
BRULE-DOUGLAS CO.					
Inspected August, 1893, by Van Etten.					
BRULE LUMBER CO., THE, mfrs. lumber. One 3-st. frame; one 1-st. frame; two boilers; two engines, 95 horse power. Estab. 1892  Accident.—A workman lost two fingers on a slab-saw. Mill closed at time of inspection.	28		28	8,200	9, 4
BUCKBEEWAUPACA CO.	l				
Reported by firms.	Ì				1
BENNETT, GEO. P., mfr. broom handles. Two 1-st. frame buildings; one boiler; one engine, 45 horse power. Estab. 1883	20		20		29
JONES, G. W. LUMBER CO., mf:s. lumber. One 2-st., one 1-st. frame buildings; one boiler; one en- gine, 60 horse power	35		85		ļ. <b></b>
BURG PARK-DOUGLAS CO.		l			l
Inspected July, 1898, by Van Etten.					l
BURG, H., mfr. lumber. Two 2-st. frame; two 1-at. frame; two boilers; two engines, 70 horse power. Ea-			21	1,500	2,50

Establishments Inspected		umber MPLOY		of new ing im-	of new
	Male.	Fem.	Total	Cost of ne building in provemen	cat of
BURKHARDT-ST. CROIX CO.					
Inspected August, 1893, by Van Etten.  BURKHARDT, C., mfr. flour and feed. Two 8-st. frame iron veneered; two 1-st. frame; two boilers; one engine, 100 horse power. Estab. 1888	15		15		\$1,100
BURLINGTONRACINE CO.	j				
Inspected December, 1893, by Van Etten.  BURLINGTON BLANKE CO., mfrs. "stay on" stable blankets; one 2 st. frame; one 1 st. frame; one boiler; one engine. Estab. 1891	15	90	105	<b>\$</b> 2,841	1,651
BURLINGTON BREWRY. Two 2 st. stone; two 1 st. frame; one boiler; one engine, 18 horse power. Estab.	12		12	··••	8, 350
BURLINGTON BRICK & TILE CO., one 4 st. frame; one 1 st. brick; one 1-st. frame; one boiler; one engine, 38 horse power. Estab. 18c5 Output of yards for 189\$, \$30,000 brick, 900,000 tile.	28		28	••••	•••••
BURLINGTON FOUNDRY & MACHINE SHOPS, mfrs. horse powers, threshers, engines and boilers; one 2 st. brick; one 2 st. frame; two 1 st. brick; one boiler; one engine, 12 horse power. Estab. 187  Ordered a guard placed around a fly-wheel. Ordered a railing placed around the fly-wheel of engine.	5	· <b></b>	5	•••••	
EMPIRE STEAM LAUNDRY. One 2-st. stone building; one boiler; one engine, 6 horse power. Estab. 1892	1	4	5	••••	800
KLEIN, F. G. & CO., mfrs. Vichy springs' ginger ale, and bottling works. One 2-st. stone building; one boiler; one engine, !5 horse power. Estab. 1871	6		6		100
McCANNA & FRASER CHEESE & BUTTER MFG. CO. Five buildings - one 2-st. stone and brick; one 2-st. frame; three i-st. frame; one engine; one boiler, 25 horse power. Estab. 1881 Output 1892, 293,000 lbs. cheese; 117,681 lbs. butter.	12	1	18	300	550
PIETERS BROS., mfrs. wagons, sleighs, etc. Two 2-st. brick; one 1-st. brick. Estab. 1872	6		6	· · · · · · · · · · · · · · · · · · ·	
ZWIEBEL & SMITHERS CO., mfrs. ironing tables, clothes bars and bread boards. One 2-st frame; one 1-st frame; one boiler; one engine, 25 horse power. Estab. 1893  Accident.—One of the firm lost a finger on the rip saw.	6		6	1,800	8,700
ZWIEBEL A.1 & SONS, mfrs. ironing tables, clothes racks, screen doors, etc., one 2 st. stone: one 2 st. frame; one 1 st. frame; one boller; one engine, 15 horse power. Estab. 1887	9		9		
BUTTERNUT-ASHLAND CO,					
Inspected February, 1894, by Van Etten.  RIPLING, L. J. & CO., mfrs. lumber, lath and shingles. One 2-st. frame; three 1 st. frame; two boilers; one engine, 100 horse power. Estab. 1888.  Cut of mill, 1892, 2,000,000 feet lumber.	85		85	800	2, 800

Establishments Inspected.	Nt Ex	MBER MPLOYI	OF ES.	Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total		Cost
CAMP DOUGLASS—JUNEAU CO.					
Inspected April, 1893, by Van Etten.	1	ŀ			
SINGLETON, JOHN, mfr. lumber, One 1-st. frame building; one boiler; one engine, 35 horse power. Estab. 1867	111		11		<b>\$</b> 15 <b>0</b>
Accident.—A boy was hurt by being wound up on saw-dust shaft, he was laid up about six weeks.		••••			
CARROLL-DOUGLAS CO.	١,				
Inspected August, 1893, by Van Etten.	l .		!		
CARROLL, MATHEW, mfr. lumber. Two 2 st. frame; two 1-st. frame; three boilers; one engine, 90 horse power. Estab 1898	25	 	25	\$1,000	4,000
CASSVILLEGRANT CO.	1	l	ļ		
Reported by firm.		l	١.		
KLEINPELL BROS., saw-mill and planing mill. Two boilers; one engine, 80 horse power. Estab. about 1855	45		43		200
CECIL-SHAWANO CO.					
Inspected November, 1893, by Zwaska.	1	1			
ISSTAS, FRANK, mfr. lumber, posts and railroad tles. One 2-st. frame; two 1 st. frame; one boile; one engine, 45 horse power. Estab. 1887	12	ļ	12	700	
CEDARBURG — OZAUKEE CO.		ł			(
Inspected October 1898, by Zwaska.				ļ	
CEDARBURG BREWERY, one 2-st. brick; two 2-st. stone; one boiler; one engine, 18 horse power. Estab. 1872	6		6	1,000	
CEDARBURG WIRE, WIRE NAIL & SCREW CO., THE, one 2-st. and basement stone; 1-st frame; one engine, 95 horse power (water). Estab. 1890	5		5	,	
CEDARBURG WOOLEN MILLS, THE, office and ware-house, 2 st. stone: mill, 2 st. basement and attic, stone; dye house, 2 st. stone and frame; two boilers; one engine, 50 horse power (steam), 50 horse power (water). Eatab. 1864	25	65	100		
Ordered belt of line shaft in twisting room guarded. Employes work eleven hours per day.	1	1		l	
etc, two 1-st. frame; one 2 st. brick; four 1-t. frame; two boilers; one engine, 75 horse power. Estab. 1872 Ordered alarm bell communication placed between engineer and operatives' rooms; one countershaft and belt of rip-saw boxed; a guard placed on same saw; pulleys and belt of jointer and panel-raiser at 1-st. floor, boxed.	65		65		
	İ	1	1	1	
CEDAR FALLS-DUNN CO.	1	1	1	1	
Inspected May 1898, by Van Etten.		1			
KNAPP, STOUT & CO., COMPANY, THE, mfrs. lumber, lath and shingles. Six buildings—two 2 st. frame; three 1 st. frame; one 2-st. brick; one boiler; one engine 75 horse power (steam), 1,500 horse power (water). Boarding house in connection. Estab. 1883 Cut of mill, 1894, 15.217.000 feet lumber, 4,653,000 lath, 8,651,000 shingles, 6,800 pickets.	109		. 109		

Establishments Inspected.	Number of Employes.			Cost of new building improvements.	Cost of new machinery.
	Male.	Male. Fem.		Coet coulding prove	Cont
CENTRALIA-WOOD CO. Inspected August 1893, by Van Etten. CENTRALIA PULP & WATER POWER CO., mfrs.					
pulp and print paper. Nine buildings - three 2-st. frame; five 1-st. frame; one 1-st. brick; three boilers; 400 horse power. (water). Estab. 1884	83	8	90	\$5,000	\$42,000
DALY & SAMPSON, planing mill; one 2 st. frame; two 1-st. frame; one boiler; one engine, 35 horse power. Estab. 1897	15	ļ. <b></b>	15	100	
GRAITHER, JOHN., general cooperage. One 2 st. frame; three 1 st. frame. Estab. 1889	5	<b>l</b> j	5	850	175
JACKSON MILLING CO., two 3 st. frame; one 1-st. frame; 180 horse power (water). Estab. 1860	6	<b></b>	6		
McKINNON, F. MFG. CO., THE, mfrs. hubs, spokes, sawed wagon-gearing and staves; one boiler; one engine, 185 horse power Estab. 18.9	62	i 	62	575	4,500
MOORE, J. F., mfrs. wagons, buggles, sleighs. Two 8-st. frame; one 1-st. frame Estab. 1880	5	<b> </b> .	5	<b> </b>	
OBERBECK BRO3. MFG. CO., mfrs. funiture. Five buildings—one 3-st. frama; one 2-st frame; two 1-st. frame; one 1-st. stone; three boilers; one engine, 150 horse power. Estab. 1892	94		95	25,000	14,000
WISCONSIN WOOD PULP CO., THE, one 2 st. frame; three 1 st. frame; one boiler; 500 horse power (water). Estab. 1882.	12		12		
CHELSEA-TAYLOR CO.	İ		1	١.	
Inspected February, 1894, by Van Etten.			1		
VAN DUSEN & GEARHART, mfrs. lumber. One 1-st. frame building: one engine; one boller, 120 horse power. Estab. 1889.  Cut of lumber 1893, 1,800,000 feet.	40	ļ	40	25	985
CHEROKEE-MARATHON CO.	İ	ļ	Ì		•
Reported by firm.					
UMHOEFER, PAUL, mfr. lumber. One 1-st. frame building: one boiler; one engine, 40 horse power. Estab. 1884	15		15	900	9,700
A fire in 1893 burned the mill, loss \$6,500, has since been rebuilt.	İ				
CLIFFORD-LINCOLN CO.					
Reported by firm.	1			,	
CLIFFORD LUMBER CO, THE, mfrs. lumber, lath and shingles. Two 2-st frame; one 1-st. frame; two boilers; one engine, 110 horse power. Estab. 1893 Boarding house and store in connection.	50		50	10,000	15,000
CLINTONVILLE-WAUPACA CO.					
Inspected November, 1893, by Zwaska.			1		
ROHRER LEONARD, mfrs. sash, doors and blinds. Two buildings—one 3-st., one 1-st. frame; 60 horse power. Estab. 1891	8	<b> </b>	8		

ESTABLISHMENTS INSPECTED.	Number of Employes.			of new ing im- ementa.	of new hinery.
	Male.	Fem.	Total	Cost of ne	Cont
ROHRER MANUFACTURING CO., mfrs.lumber, shin- les and lath. Two buildings—one 3-st. frame; one 1 st. atone, two boliers, one engine, 100 horse power. Estab. 1887. Cut of mill for 1883 was 8,600,000 ft. lumber; 3,000,- 000 shingles; 500,000 lath.	85		85		
WALL & CLINTON, mfrs. lumber. One 1-st. frame building; 1 boiler; 1 engine, 50 horse power. Estab.  1886	5		5		· <b>·····</b>
COLUMBUS-COLUMBIA CO.					
Inspected April, 1893, by Van Etten.				ļ	
KURTH, J. H. & CO., brewers. Six buildings—one 3-st. brick; one 3-st. stone; one 3-st. brick and stone; one frame and stone elevator; two 2-st. brick; two boilers; two engines, 46 horse power. Estab. 1859. Ordered a railing placed at head of stairway on second floor.	10		10	\$5,000	\$100
COLUMBUS MILL CO., THE, mfrs. flur and feed Six buildings—one 8-st. frame; one 2-st. frame; one 1-st. brick; three 1-st. frame; two boilers; one en gine, 30 horse power (steam), 65 horse power (water). Estab. 1854  Ordered two sets of gearing on second floor and one set of gearing on third floor covered, also a railing placed at head of stairway on third floor of mill.	6	••••	6	2,000	2,200
COMBINED LOCKS-OUTAGAMIE CO.					
Inspected December, 1898, by Zwaska.		i			
combined locks paper co., the, mirs paper and ground wood pulp. Thelve brick buildings one that, fire that, and basement: six 1-st; eight boilers; 49 water wheels; horse power, 5, 400. Estab. 1891. The company carry an Employers' Accident Insurance policy.  The capacity of this establishment is perhaps greater than that of any like estab ishment in the west. A new suiphite plant is in course of erection. Accidents. A number of minor accidents have occurred. A workman had a finger crushed on wood-splitter; another workman lost a finger on a circular saw; another had a finger crushed on	160	15	173	600,000	400,000
a rag-thrasher; another workman injured his spine through a fall in the yard; another work man lost a finger in paper machine.					
CUMBERLAND—BARRON CO.  Inspected June, 1893, by Van Etten.  BEAVER DAM LUMBER CO., THE, mfrs. lumber, lath and shingles. One 2 st. frame: three 1 st. frame; five boilers; two engines, 75 horse power. Estab.  Ordered one boy under 14 years old discharged; a railing placed around crank of engine; guards placed on edger saws.  Cut of mill 1892, 10,000,000 feet lumber, 2,500,000 lath, 30,400,000 shingles.	230	5	235	2, 500	

ESTABLISHMENTS INSPECTED.	Number of Employes.  Male. Fem. Total			Cost of new building im-	Cost of new machinery.
				SE !	8
CURTISS—CLARK CO.	1	1	1	1	
Inspected March, 1891, by Van Etten.					
BASS, A. D., mfr. lumber. Three 1-st. frame buildings; one boiler; one rngine, 36 horse power. Estab.	25		25	<b></b> .	
DALLAS-BARRON CO.					
Reported by firm.  ANDERSON, J. A., flour, saw and planing mill; one to ler, one engine, to horse power Estab 1878  Accident—One man was cut on arm by circular saw.	16	1	17	\$8,000	\$1,850
DARLINGTON-LA FAYEITE CO.					
· Reported by firm.	1	1	1		
DEXTER, McDONALD & CO., merchant millers, 21/2- st. frame and stone; water power	5		5		
DELAVAN -WALWORTH CO. Inspected Dec., 1898, by Van Etten.					
DELAVAN MILL CO., THE, Horton, Hicks & Saxton, mfrs. flour and feed. Three buildings—two 3 st. frame; one lest. frame, one boiler, water power, 83.	7		7		250
Ordered gearing on third floor of mill guarded. Out put for 1892 was 18,000 bbl., flour; 2,000 tons feed.					
DELAVAN REPUBLICAN, THE printing and publishing. On 2d floor of 2-st brick building—one boiler, one gas engine, 2 horse power. Estab. 1863	4	1 1	5		1, 100
READER, J. B., mfr. tanks and wind mills. Two buildings—one 2-st frame; one 1-st. brick. one boiler, one engine, 15 horse power. Estab. 1885	5		5		
REID ICE CREAM CO., THE. mfrs. ice cream Two \$-st. frame buildings; one bolier, one engine, 35 horse power. Estav. 1893 Ordered guards placed *round elevator openings and fly wheel and main belt. Main office 130 to 133 Wabash ave., Chicago, Ill.	5		5		
STOWELL, O. G., mfrs. tanks and wind mills. Two 2 st. frame buildings; one boller, one engine, 15 horse power. Estab. 1887	6		6		
DEPERE-BROWN CO.	ł		1		
Inspected Oct., 1898, by Zwaska.		1		1	
DOUSMAN J. P. MILLING CO., mfrs. flour. Three buildings—one 8 st. brick; two 1 st. frame, 125 horse power. Estab. 1838  Ordered alarm bells placed between engine room and operators' rooms, Auc. 9th, 1892, old mill was destroyed by fire, loss \$40,000. Since rebuilt. Accident — A workman was caught in gears of bolting chest and was badly hurt. Suggest-d ropes to be placed on each floor to be used in case of emergency	10		18		
DUNHAM & SMITH, mfrs. flour. Two buildings— one 4-st. frame brick front; one 1-st. frame; water power 100. Estab. 1867	9	ļ	9	<u> </u>	<b>.</b>

JOHANN, J. W., planing mill. Three buildings—two 2-st. brick; one 1-st. brick; one bolier; one engine, 75 horse power. Estab. 1874	Nu <b>nber</b> Employi		Cost of new building improvements.	of new inery.	
LAWTON, C. A., foundry and machine shop. Four buildings—one 2 st. brick; two 1-st. brick; one 1 st. frame one boiler; one engine, 25 horse power. Estab. 18:6  SCHATTUCK & BABCOCK CO., mfrs paper. Eleven buildings—one 6-st. water tower; one 4-st. and basement; four 2 st. and basement; three 1-st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 3 st. and basement; four 2 st. brick; six 0 st. watertower contains three large water tanks for supplying automatic water sprinklers.  DEXTERVILLE—WOOD CO.  Inspected March, 1894, by Van Etten.  BILES, GEO, mfr. lumber, lath and shingles. Nine buildings—two 2 st. brick; six 1 st. frame; even boilers; three engines, 22 th forse power.  Estab. 1838	Fem.	Total	Cost pulld hrows	Cost of machine	
ings-one 2 st. brick; two 1-st. order; one i st. frame one boiler; one enjene, 25 horse power. Estab. 1878  SCHATTUCK & BABCOCK CO., mfrs paper. Eleven buildings—one 6 st. water tower; one 4 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 2 st. and basement; four 3 st. and a free escape erected on 4 st. finishing shop. The 6 st. watertower contains three large water tanks for supplying automatic water sprinklers.  DEXTERVILLE - WOOD CO.  Inspected March, 1894, by Van Etten.  BILES, GEO, mfr. lumber, lath and shingles. Nine buildings—two 2 st. trone end frame; one boiler; one engine, 30 horse power.  Estab. 1833		80		· · · · · · · · · · · · · · · · · · ·	
buildings—one 6.st. water tower; one 4.st. and basement; two 1.st., and basement; two 1.st., and basement; two 1.st., all brick; two boilers; 900 horse power (water). Estab. 1892 Ordered two girls of 18 year discharged; also a fire escape erected on 4 st. finishing shop. The 6 st. watertower contains three large water tanks for supplying automatic water sprinklers.  **DEXTERVILLE—WOOD CO.**  **Inspected March, 1894, by Van Etten.**  **BILES, GEO, mfr. lumber, lath and shingles. Nine buildings—two 2-t frame; one 2-st. brick; six 1-st. frame; seven boilers; three engines, 225 horse power. Estab. 1833.  **Out of mill for 1892 was 7,000,000 feet lumber.**  **DODGEVILLE—IOWA CO.**  **Reported by firm.**  **STRATMAN, F. W. & CO., mfrs. plo ws, wagons and sleighs. Two buildings—two 2-st. stone and frame; one boiler; one engine, 30 horse power. Estab. 1860  **DORCHESTER—CLARK CO.**  **Inspected February. 1894, by Van Etten.**  **FALCONER & STODDARD. mfrs. lumber. One 1 st. frame; one 1-st. frame; one boiler; one engine. Estab. 1888  **DOWNING—DUNN CO.**  **Inspected March, 1894, by Van Etten.**  **DOWNING MANUFACTURING CO, mfrs. lumber. lath and shingles. Five buildings two 2-st. frame; three boilers; one engine, 90 horse power.**  **DOWNSVILLE—DUNN CO.**  **Inspected May, 1893, by Van Etten.**  **ENAPP, STOUT & CO., COMPANY, mfrs. iumber, lath and shingles. Five buildings—two 2-st. frame; two 1-st. frame; three boilers; one engine, 90 horse power (water.) Estab.  **A new workman was instantly killed by falling against a saw: another workman had his hand badly smashed by a log rolling on it. Cut of mill of mill washed by a log rolling on it. Cut of mill of mills.**		12		\$1,000	
Inspected March, 1894, by Van Etten.  HILES, GEO, mfr. lumber, lath and shingles. Nine buildings—two 2+t frame; one 2-st. brick; six 1-st. frame; seven boilers; three engines, 325 horse power.  Estab. 1833	120	200	\$?71,685	245,438	
HILES, GEO, mfr. lumber, lath and shingles. Nine buildings—two 2+t frame; one 2-st. brick; six 1-st. frame; seven boilers; three engines, 325 horse power. Estab. 1838.  Cut of mill for 1852 was 7,000,000 feet lumber.  DODGEVILLE—IOWA CO.  Reported by firm.  STRATMAN, F. W. & CO., mfrs. plo ws, wagons and sleighs. Two buildings—two 2-st. stone and frame; one boiler; one engine, 30 horse power. Estab. 1860.  DORCHESTER—CLARK CO.  Inspected February, 1893, by Van Etten.  FALCONER & STODDARD mfrs. lumber. One 1 st. frame; one 1-st. frame; one engine. Estab. 1893.  KUENTZ, F., mfr. lumber. Two buildings—one 2-st. frame; one 1-st. frame; one engine. Estab. 1888.  DOWNING—DUNN CO.  Inspected March, 1894, by Van Etten.  DOWNING MANUFACTURING CO, mfrs. lumber. lath and shingles. Five buildings two 2-st. frame; three 1 st. frame; three boilers; one engine, 90 horse power  DOWNSVILLE—DUNN CO.  Inspected May, 1893, by Van Etten.  XNAPP, STOUT & CO., COMPANY, mfrs. lumber, lath and shingles. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estab.  A new workman was instantly killed by falling against a saw; another workman had his hand badly smashed by a log rolling on it. Cut of mill	1		1		
TRATMAN, F. W. & CO., mfrs. plows, wagons and sleighs. Two buildings - two 2-st. stone and frame; one boiler; one engine, 30 horse power. Estab. 1860  DORCHESTER—CLARK CO.  Inspected February, 1894, by Van Etten.  FALCONER & STODDARD. mfrs. lumber. One 1 st. frame building; one boiler; one engine. Estab. 1893.  KUENTZ, F., mfr. lumber. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine. Estab. 1888  DOWNING—DUNN CO.  Inspected March, 1894, by Van Etten.  DOWNING MANUFACTURING CO, mfrs. lumber. lath and shingles. Five buildings two 2 st. frame; three 1 st. frame; three boilers; one engine, 90 horse power  DOWNSVILLE—DUNN CO.  Inspected May, 1893, by Van Etten.  KNAPP, STOUT & CO., COMPANY, mfrs. iumber, lath and shingles. Five buildings—two 2 st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estab.  A new workman was instantly killed by failing against a saw; another workman had his hand badly smashed by a log rolling on it. Cut of mill					
Cut of mill for 1852 was 7,000,000 feet lumber.  DODGEVILLE—IOWA CO.  Reported by firm.  ITRATMAN, F. W. & CO., mfrs. plows, wagons and sleighs. Two buildings—two 2-st. stone and frame; one boiler; one engine, 30 horse power. Estab. 1860  DORCHESTER—CLARK CO.  Inspected February, 1894, by Van Etten.  FALCONER & STODDARD. mfrs. lumber. One 1 st. frame building; one boiler; one engine. Estab. 1893.  INCUENTZ, F., mfr. lumber. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine. Estab. 1888		145	4,700	8,000	
Reported by firm.  STRATMAN, F. W. & CO., mfrs. plows, wagons and sleighs. Two buildings—two 2-st. stone and frame; one boiler; one engine, 30 horse power. Estab. 1860  DORCHESTER—CLARK CO.  Inspected February, 1891, by Van Etten.  FALCONER & STODDARD. mfrs. lumber. One 1 st. frame building; one boiler; one engine. Estab. 1893.  KUENTZ, F., mfr. lumber. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine. Estab. 1898.  DOWNING—DUNN CO.  Inspected March, 1894, by Van Etten.  DOWNING MANUFACTURING CO, mfrs. lumber. lath and shingles. Five buildings two 2-st. frame; three 1 st. frame; three boiler; one engine, 90 horse power  DOWNSVILLE—DUNN CO.  Inspected May, 1893, by Van Etten.  KNAPP, STOUT & CO., COMPANY, mfrs. iumber, lath and shingles. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estab.  A new workman was instantly killed by failing against a saw; another workman had his hand badly smashed by a log rolling on it. Cut of mill			1		
TRATMAN, F. W. & CO., mfrs. plows, wagons and sleighs. Two buildings—two 2-st. stone and frame; one boiler; one engine, 30 horse power. Estab. 1860  DORCHESTER—CLARK CO.  Inspected February, 1893, by Van Etten.  ALCONER & STODDARD mfrs. lumber. One 1 st. frame building; one boiler; one engine. Estab. 1893.  TALCONER & STODDARD mfrs. lumber. One 1 st. frame; one l-st. frame; one boiler; one engine. Estab. 1893.  DOWNING—DUNN CO.  Inspected March, 1894, by Van Etten.  DOWNING MANUFACTURING CO, mfrs. lumber, lath and shugles. Five buildings two 2 st. frame; three 1 st. frame; three boilers; one engine, 90 horse power  DOWNSVILLE—DUNN CO.  Inspected May, 1893, by Van Etten.  CNAPP, STOUT & CO., COMPANY, mfrs. lumber, lath and shugles. Five buildings—two 2 st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estab.  A new workman was instantly killed by failing against a saw; another workman had his hand badly smashed by a log rolling on it. Cut of mill					
aleighs. Two buildings-two 2-st. stone and frame; one boiler; one engine, 30 horse power. Estab. 1860  DORCHESTER—CLARK CO.  Inspected February, 1893, by Van Etten.  FALCONER & STODDARD mfrs. lumber. One 1 st. frame building; one boiler; one engine. Estab. 1893  INTERPRETATION OF THE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STADE STA	1	l	ļ	l	
Inspected February, 1894, by Van Etten.  FALCONER & STODDARD mfrs. lumber. One 1 st. frame building; one boiler; one engine. Estab. 1893.  INTERPRETATION OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF T	ļ	19			
FALCONER & STODDARD. mfrs. lumber. One 1 st. frame building; one boiler; one engine. Estab. 1893.  SUENTZ, F., mfr. lumber. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine. Estab. 1888.  DOWNING—DUNN CO.  Inspected March, 1894, by Van Etten.  DOWNING MANUFACTURING CO, mfrs. lumber, lath and shugles. Five buildings two 2-st. frame; three 1 st. frame; three boilers; one engine, 90 hores power  DOWNSVILLE—DUNN CO.  Inspected May, 1893, by Van Etten.  KNAPP, STOUT & CO., COMPANY, mfrs. iumber, lath and shugles. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estab.  A new workman was instantly killed by falling against a saw; another workman had his hand badly smashed by a log rolling on it. Cut of mill	1		1	l	
Issue the boller; one engine. Estab. 1893. 1802. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803. 1803.		l	1	l	
frame; one 1-st. frame; one boller; one engine. Estab.  1888		18	600	2,300	
Inspected March, 1894, by Van Etten.  OWNING MANUFACTURING CO, mfrs. lumber, lath and shugles. Five buildings two 2 st. frame; three 1 st. frame; three boilers; one engine, 90 horse power.  DOWNSVILLE—DUNN CO.  Inspected May, 1893, by Van Etten.  KNAPP, STOUT & CO., COMPANY, mfrs. lumber, lath and shugles. Five buildings—two 2 st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estah.  A new workman was instantly killed by falling against a saw; another workman had his hand badly smashed by a log rolling on it. Cut of mill		18	78		
DOWNING MANUFACTURING CO, mfrs. lumber, lath and shingles. Five buildings two 2 st. frame; three 1 st. frame; three boilers; one engine, 90 horse power		İ	l	ļ	
lath and shingles. Five buildings two 2 st. trame; three 1 st. frame; three boilers; one engine, 90 horse power	1	l			
DOWNSVILLE—DUNN CO.  Inspected May, 1893, by Van Etten.  KNAPP, STOUT & CO., COMPANY, mfrs. lumber, lath and shingles. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water) Estab		40		586	
Inspected May, 1893, by Van Etten.  KNAPP, STOUT & CO., COMPANY, mfrs. iumber, lath and shingles. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water) Estab.  A new workman was instantly killed by failing against a saw: another workman had his hand badly smashed by a log rolling on it. Cut of mili	İ	1	}	1	
INAPP, STOUT & CO., COMPANY, mfrs. lumber, lath and shingles. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estab	i	l		1	
lath and shingles. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; 1,500 horse power (water.) Estab	1	Ì	ł	ł	
484,800 shingles; 16,064 pickets.		8.5	21,000	84,00	
DRUMMOND-BAYFIELD CO.					
Inspected August, 1808, by Van Etten.		l		1	
RUST-OWEN LUMBER CO., mfrs. lumber, lath and	1	1		1	

ESTABLISHMENTS INSPECTED.	Number of Employee.				Cost of new machinery.
	Male.	Male. Fem. Tota	Total	Cost of new building improvements.	Cost
1-st. brick; two 1-st. frame; eight boilers; three engines, 575 horse power. Estab. 1882  Accident.—A workman was killed in 1892, being struck in abdomen b 7 a board from surfacer. Company own electric light plant and water works system. Store and boarding house connected, also own 9½ miles of railroad, using two locomotives and thrity-nine cars. Cut of mill for 1892 was 27,048,620 ft. lumber; 5,824,850 lath and 14,151,750 shingles.	275	6	281		
DURAND-PEPIN CO.					
Inspected May, 1894, by Van Etten.					
DAVIS & STARR LUMBER CO., mfrs.flooring, mould- ings and planing mill. Three buildings—one 2-st frame; two 1-st. frame; one boiler; one engine, 40 horse power. Estab. 1889	25		25	\$300	\$2,500
EAGLE RIVER-VILAS CO.				1	
Inspected February, 1894, by Van Elten.  GERRY LUMBER CO., mfrs. lumber, lath and shingles Two buildings—one 2-st. frame; one 1-st frame; six boilers; three engines, 160 horse power. Estab. 1884. Cut of mill for 1892 was 18,000,000 ft. lumber.	100	 	100	<b></b>	
SHERIDAN LUMBER CO., John Barnes, assignee, mfrs. lumber, lath and shingles. Five buildings—two 2 st. frame; three 1 st. frame; four boilers; two engines, 125 horse power. Estab. 1888	68		65		1,250
EAU CLAIRE—EAU CLAIRE CO.		ļ	İ		
Inspectee May, 1893, by Van Etten.  BADGER PEARL BUTTON CO., mfrs pearl buttons One 2-st. brick building; electric motor, 25 horse power. Estab. 1891 Ordered the main door at foot of stairway changed to swing outward; also a cover over a line of shaft- ing under operating table on first floor of factory. Firm has since gone out of business.	29	14	48		2,000
CITY BREWRY. JOHN WALTER & CO., mfrs. beer. Eight buildings—one 4-st. stone and brick; one 3-st. stone and frame; one 2-st. frame; one 2-st. brick; two 1-st. stone; one 1-st frame; one frame ice house; oue boiler; 1 engine, 15 horse power. Estab. 1890 A fire on Jan 28, 1892, destroyed the brew house and refrigerators. Loss \$8,500.	18		18	18,863	2,800
GITY STEAM LAUNDRY, HUEBSCH BROS. First floor of 2-st. frame building—one boiler; one engine, 8 horse power. Estab. 1890	4	5	9		
CUTTER A. A., mfr. driving shoes, pacs, moccasins, etc. One 2-st. brick buildings; electric motor 5 horse power. Estab. 1883	87	8	40	<b></b>	2,500
DELLS LUMBER CO., mfrs. lumber, lath and shingles. Five buildings-two2 st. frame; three 1 st. frame; eight boilers; one engine, 550 horse power. Estab. 1881.  Note.—All the employes of this Co., must carry an accident insurance; in case of injury they receive one-half the amount of their wages while laid up and in case of death the heirs receive a sum equal to one-half the yearly wages; the men pay 2 per cent. of the amount of wages they recieve for the insurance.  Ordered one boy under 14 discharged.	199	1	200		

Establishments Inspected.	N E	UMBER MPLOY:	OF ES.	Cost of new building im- provements.	of new binery.
	Male.	Fem.	Total	Cost bulk prov	ort
DELLS PAPER & PULF CO, THE, mirs book and news print paper. Three buildings—one 2 st. frame; one 1 st. brick; two boilers, 1,000 horse power (water). Estab. 1832	89	7	45		<b>\$</b> 5.500
DERGE, J., mfr. cigars. One 1 st. frame, hand power. Estab. 1875	12		12		
DRUMMOND BROS., beef and pork packers. Five buildings—one 8 st. brick; one 2-st. frame; one 1-st. frame; one 1-st. frame; one 1-st. frame; one to boiler; one engine, 25 h rec power. Estab. 1191.  Ordered elevator openings on all floors guarded, also railing around fly wheel and caps on projecting key.	28		23	\$25,000	8,500
EAGLE BREWRY, Henry Michels, Prop. mfr. beer. Seven buildings one 3-st brick; one three 3 st frame; two 2-st. stone and brick; one 3 st. frame; two 1-st. frame; one boiler; one engine, 18 horse power. Estab. 1891	8		8		
EAGLE IRON WORKS, N. SHAW & CO., Props. mfrs. saw mill machinery. Three buildings—one 1.st stone; two 1 st. frame; one boiler; one engine, 50 horse power. Estab. 1859  Accident.—One of the proprietors was severely injured by falling against large planer tearing the flesh from his arm; he was disabled about four months	85	1	36	1,500	15,000
EAU CLAIRE BOOK & STATIONERY CO. Job printing and mfrs. of stationery. On second. floor of 2-st. brick building, electric motor. Estab. 1885	10	8	18		
EAU CLAIRE CARRIAGE WORKS, WM. BONELL & SON Props. mfrs. wagons, Carriages, etc. Four buildings — two 2-st. frame, one 1-st. frame hand power. Estab. 1867	17		17		
EAU CLAIRE LINEN CO., mfrs. linen crash and turk- ish towels. Three buildings—One 3-st. frame; one 1-st. stone; one 1-st. frame; one boiler, 140 horse power (water). Estab. 1888	12	68	75		150
EAU CLAIRE STEAM LAUNDRY. On first, floor of 2st. brick building; one boiler; one engine, 5 horse power. Estab. 1883	6	İ	6		100
EAU CLAIRE STREET RAILWAY, LIGHT AND POWER CO. Three buildings-two 2-st. brick; one 1-st. irame; two boilers; one engine, 200 steam, 7:00 water power. Estab. 1890  Ordered a guard at side of dynamo belt and levers used to throw clutch pulley in and out of gear fastened with set screws. Accident—A workman was instantly killed on December 5, 19:2; in upper power house while assisting another workman in repairing a governor. Through some means he tell on cog wheel; the lower part of his body was ground to a pulp by the gearing. It is supposed he slipped in some way. The gearing is guarded with an iron railing.	27	1	28	8,030	5,000

ESTABLISHMENTS INSPECTED.		UMBBR MPLOYI		Cost of new building im-	nery.
ESTABLISHMAN IN INC. SCI. SCI.	Male.	Fem.	Total	( Yout o buildii prove	Sost of machine
EMPIRE LUMBER CO. Eight buildings—four 2-st. frame; three 1 st. frame; one 1-st. stone; ten boilers; three engines, 750 horse power. Estab. 1857	185	1	186	<b>\$</b> 5,000	\$17,290
EVENING & WEEKLY FREE PRESS, printing and publishing. On first floor of 2-st. brick building; water motor, 5 horse power	5	5	10		
FISH, E. M. & CO, mfrs. sash, doors, blinds and mouldings. Five buildings—one 2-st. frame; three 1-st. fram e; one i-st. brick; or e boiler; one engine £8 horse power. Estab. 1867  Accident:—A workman lost a thumb and two fingers on a jointer; another lost a thumb, and another lost a finger on the same machine. It is impossible to guard the machine in any way to prevent accidents of that kind. This Co have all their men insured in the American Casualty Insurance & Security Co., the benefits bring the same as that received by the employes of the Deils Lumber Co.; the cost to the workmen is one per cent. of their wages.	27	1	28		
FORUM, THE, weekly newspaper. On first floor of 1st, brick building; electric motor, 2 horse power. Estab. 1892	5	8	8		1,807
GIRNAU & DOHRMAN, mfrs. carriages, wagons, etc. Three buildings—one 3 st. frame; one 2-st. brick; one 2-st. frame; hand power. Estab. 1875	11		11		····
HALF MOON LAKE SHINGLE & FUEL CO., mfrs. shingles. Six buildings—five 1-st. frame; one 2 st. frame; six boilers; one engine, 250 horse power. Estab. 1893  Note. Formerly West Eau Claire Mill Co.	26		26		5,500
LEADER CO., THE, printing and publishing. One 2st. brick building; electric motor, three horse power. Estab. 1881	27	9	86		1,500
McDONOUGH MANUFACTURING CO., mfrs. saw mill machinery. Seven buildings—two 2 st. frame; three 1 st. brick; two 1 st. frame; one boiler; one engine, water power, 150. Estab. 1889	70	1	71	850	5,000
MADISON STREET MANUFACTURING CO., mfrs. sasb, doors and blinds. Six buildings—one 3 st. frame; three 2-st. frame; one 1-st. frame; one 1-st. brick; one boller; one engine, 20 horse power. Estab. 1885.	85		85	600	1,050
MASON, GEO. W., elevator and feed mill. Four buildings—three 2 st. frame; one 1-st. brick: one boiler; one engine, 60 horse power. Estab. 1871	5	<b></b>	5	·•• ····	650
MODEL STEAM LAUNDRY. In basement of 2-st. trame building; one boiler; two engines, 10 horse power. Estab. 1893	8	4	7		1,500

Establishments Inspected.		Number of Employes.		Employes.		EMPLOYES.		Number of Employes.	Number of Employes.		Cost of new building improvements.	of new hinery.
•	Male.	Fem.	Total	Coet (	ort o							
NATIONAL ELECTRIC CO., mfrs. dynamos, motors, plating machines, etc. Five buildings — one 2 st. brick; three 1-st. frame; one 1-st. brick; two boilers; three engines, 200 horse power. Estab. 1838  Note.—This plant was formerly the National Electric Mfg. Co., but went into receiver's hands and was bought by above company.	171	29	200	6,000	4,00ე							
NORTHWSTERN LUMBER CO., mfrs, lumber, lath and shingles. Nine buildings—three 2st. frame; three 1st. frame; two 1st. stone; one 1st. brick; seven boilers, two engines, 450 horse power. Estab. 1865  Note—This company, like several othres in Eau Claire, carry accident insurance for the benefit of all their employees, and no person can obtain work unless he becomes insured. It costs the workmen one per cent. of the amount of wages he receives. In case of accident, while unable to work, he receives one half the amount be was earning, and in case of death the family receives one half his yearly wages, also doctor's bill paid and funeral expenses. An elevator is in use upon which loaded toams can be driven, obviating the necessity of drawing the loads up the hill and is a saving to the company of the use of four teams and five mea.	191		191	12,000	20,000							
PAULY BROTHERS, job printing. First floor of 2-st. brick; water motor, 2 horse power. Estab. 1809	8	2	5		·•••							
PHOENIX MANUFACTURING CO., mfrr, sash, doors, blinds and sa w mill machinery. Nine buildings—one 3 st. stone; four 2 st. frame; one 1 st. frame; two 1 st. stone; one boiler, one engine, 55 horse power. Estab. 1875	110	1	111	4,200	4 000							
PIONEER FURNITURE CO., mfrs. furniture. Four buildings—one?-st. brick; one 8 st. frame; one 1-st. frame; one 1-st. frame; one 1-st. trone; two boilers; one engine, 123 horse power. Estab. 1887.  Ordered four boys under 14 discharged. Accidents—A workman was killed by a board flying back from a rip saw striking him in the abdomen; another lost a finger on a rou ing machine; another lost a finger on a rou ing machine; another lost a thumb on a hand planer. The company carries accident in-urance on all of their employes in The American Casanity Insurance and Scurity Co. of Baltimore, Md. It is a complete accident insurance and protects the workman while at home or wherever they may be, while in the employ of the company. The plan is similar to that carried by other firms in the city.	149	1	150	6,000	3,000							
SHAW DANIEL LUMBER CO., mfrs. lumber, lath and shingles. Fifteen buildings - two 2-st. frame; eight 1-st. frame; three 1-st. brick; two 1-st. frame; eight boilers, three engines, 780 horse power. Est. 1857  The cut of mill for 1892 was 16, 193, 345 ft. lumber 4, 354 300 lpth; 16,778,750 shingles; 294,440 pickets. Accident A workman was killed Sept., 1892, while removing saw dust his clothing was caught by a belt and he was wound up on a counter shaft.  VALLEY LUMBER CO., mfrs. lumber, lath and Shingles. Seven buildings—three 2-st frame; three	863	Я	870	2,700	5,000							

Establishments Inspected.		Number of Employes		Cost or new building im- provements,	Sost of new machinery.
	Male.	Fem.	Total	Cost build prov	Cost
1-st frame; one 1-st. stone; nine boilers, one engine, 700 horse power. E-tab, 1857.  Ordered one boy under 14 discharged Cut of mill for 1892 was x8, 979, 599 ft. lumber; 18,777,000 shingles; 8,206,060 lath; 101,475 pickets. Fire:—A fire May 16, 1893 destroyed the Co's boarding house, loes \$2,000.	175		174	4,629	18,516
WEST AND WATERSDORF, mfrs. cigars. On first floor of 2-st. brick, hand power. Estab. 1888 Ordered one boy under 14 discharged.	12		12		
WISCONSIN REFRIGERATOR CO., mfrs. "Peerless Refrigerators." Eight buildings—one 2-st. brick; six 1 st. frame, iron veneered; one 1-st. brick; two boliers; three engine. Estab. 1839	90		90		850
EAU PLAINE,-DANCY P. O. MARATHON CO.					
Reported by firm.  SEGELKE. KOHLHAUS MANUFACTURING CO., mfra. lumber, lath and shingles. Three x st. frame buildings; two boilers, one engine. E-tab. 1874 Cut of mili for 1882, was 5,000,000 ft. lumber.	80,		80	•••••	750
EDGERTON - ROCK CO.					
Inspected Jan., 1894, by Van Etten.  PAULINE POTTERY CO., mfrs. decorated pottery, perous electric cups and water filters. Four buildings—one 2 st. frame; two 1-st. frame; one 1-st. brick; one boller, one engine, 50 house power. Estab. 1888. Ont put for 1892 was \$14,087.80.	18	8	21	115	
PARR, ROYAL. mfr. brick. Three buildings—one is it frame; one 1 st. frame; one 1 st brick; one boiler; one engme. Estab. 1879  Ou.put for 1892 was 500,000 brick. Note.—The Edgerton Creamery Co. own and operate 8 creameries located in Dane and Rock counties, employing about 12 hands.  Note.—The main industry of this town is the to-bacco trade, there being a number of large warehouses. The different firms that have reported to this office employ about 300 hands, of those 200 are females. They give employment for about four months in the spring.	22		<b>22</b>		•
EDSON-CHIPPEWA CO.					
Reported by firm.		,			
CHUBB, ARTHUR J., mfr. lumber. Two buildings—one 2-st. frame; one 1-st. brick; one builer; one engine, 90 horse power. Estab. 1866	20	] 	20	· • • • • • • • • • • • • • • • • • • •	•••••
ELKHORN-WALWORTH CO.					
Inspected December, 1998, by Van Etten.					
ELRHORN INDEPENDENT, THE, Park & Kenney, printing and publishing. One 3-st and basement brick; one boiler; one gas engine, 4 horse power. Estab. 1853	4	8	7	1,000	550
MINER & THOMPSON, mfrs. butter and cheese. One 2 st. brick building; one boller; one engine, 10 horse power. Estab. 1875	5		5		1,000
OPITZ, FRED, mfr. wagons and s'eighs. Four 2-st. frame buildings; one boiler; one engine, 8 horse power. Estab. 1884	8		8	850	200

ESTABLISHMENTS INSPECTED.		umber Mployi		of new ing im-	of new binery
	Male.	Fem.	Total	Cost of a building by provemer	Contract
BPRAGUE BROS., mfrs. brick, drain tile and paving brick. Two buildings—one 4 st. frame; one 1 st. frame; one boiler; one engine, 25 horse power. Estab. 1886	15		15	2,000	573
Output for 1892 was 750,000 brick, 80,000 tile.					
ELLSWORTH-PIERCE CO.		•			
Inspected June 1898, by Van Etten.			1		
ELLSWORTH MANUF & CTURING CO., mfrs. baskets. Two 2 st. frame buildings; one boiler; one engine, 10 horse power. Estab. 1891 Ordered a cover placed over a slasher saw and a cap placed over set screw on pulley of planer.	15		15	2,000	1,500
PETERSON, ANDREW, mfr. hard-wood lumber. Two buildings—one 2 st. frame; one 1-st. frame; one boiler; one engine, 50 horse power. Estab. 1892	12		12	1,000	8,000
EIDSVOLD-CLARK CO.		- 1	- 1		
Inspected March, 1894, by Van Etten.	,		i	i	
NYE, LUSK & HUDSON, mfrs. lumber. Six build- ings—four 2-st. frame buildings; two 1-st. brick; three boilers; two engines, 175 horse power. Estab- 1886 Cut of mill for 1892, was 8,000,000 feet lumber.	45		45	1,000	1,200
EVANSVILLE—ROCK CO.		1	]	ĺ	
Reported by firm.	- 1	- 1	- 1	l	
BAKER MANUFACTURING CO., mfrs. pumps, tankr, wind mills, feed grinders, etc. Eight huildings—one 2-st. brick; one 2-st. stone; three 1-st. brick; one 1-st. stone; one 1 st. frame; several sheets; all buildings have metal roofs; two bollers, two engines, 100 horse power. Established 1873	41	1	45	1,500	2,000
FAIRCHILD-EAU CLAIRE CO.		. !	- 1	1	
Inspected April, 1898, by Van Etten.	- 1	- 1	- 1		
FOSTER, N. C., LUMBER CO., mfrs. lumber, lath and shingles. Ten huildings one 2-st frame; one 1-st. brick; eight 1-st frame; seven boilers; two engines, 225 horse power. Estab. 1876.  Accident.—A workman lost all of the toes of one foot in carrier chains of slabs and edgings saws; he was laid up about six month; an ther was very badly i jured by a log rolling on him. Automatic water sprinkler on all floors.	002	4	204	5,500	14,500
FIFIELD-PRICE CO.	İ				
Inspected February, 1894, by Van Etten.				l	
FIFIELD MANUFACTURING CO., mfrs. lumber, lath and shingles. Eight buildings—four 2-st. frame; two 2-st. brick; two 1st. frame: seven bollers; two engines, 240 horse power. Eatab. 1889.  Cut of mill for 1892 was 1,705,946 fr. lumber; 215,000 lath and 1,500,000 shingles. Accident.—The carriage rider lost part of his foot by bringing it in contact with band saw.	80		80		4,000

Establishments Inspected.		MBER MPLOYI		Cost of new building improvements.	Cost of new machinery
	Male.	Fem.	Total	Cost build prove	Cost
FLANNER—MARATHON CO. Inspected August, 1898, by Van Etten. RIB RIVER LUMBER CO., planing mill. Three buildings—two i-st. frame; one i-st brick; two boliers; two engines, 65 horse power. Estab. 1891	25		25	<b>\$</b> 2,500	<b>\$</b> 7,000
FOND DU LAC-FOND DU LAC CO.	}				
Inspected December, 1893, by Zwaska.	]				
BATES, C. E., mfr. packing boxes. Two buildings—one 2-st and one 1-st frame; one boder; one engine, 15 horse power. Estab. 1888	6		6		
BECHAUD BREWING CO., mfrs. beer and malt. Four buildings—three 2-st. brick; one 1-st. trame; one boiler; one engine, 10 horse power. Estab. 1872 Annual capacity, 15,000 bbis.	10	. <b></b>	10		
BOWEN MANUFACTURING CO., mfrs. refrigerators and folding tables. Two buildings—one wat frame; one lot frame; one boiler; two engines, 120 horse power. Estab. 1894	40	••	40	1,800	8,000
paper machine and two be'ts running same machine guarded. Accident. —A workman lost thumb on rip saw. Note. —This plant was formerly owned by The B. H. Dodd Mig. Co.					
BUERGER-REINIG CO., mfrs malt. Five buildings—one fron clad grain elevator 80ft. high; one 7-st. brick; one 5 st. brick; one 1 st. brick; one 1-st. frame; me boiler; one engine, 68 horse power. Estab 1890 Output for previous jear was 20 000 bu. malt.	15		15		
BURROWS, GEO. 8. & CO., mfrs. carriages. One 2 st. brick building; hand power. Estab. 1872	5	:0	15		<b>.</b>
CITY ROLLER MILLS, Allen & Treleven Props. merchant miller. Four buildings—one 2-st. and basement stone; one 2-st. frame; one 1-st brick; one 1 st. frame; one boiler; one engine, 60 horse power Estab 1887  Annual output 45,000 bbls.	12		12		
DAILY REPORTER, THE, printing and publishing On second floor of 3-st. brick building; one gas engine, 4 horse power. Estab. 1856	8	4	12	 	
DE GROAT, GIDDINGS & LEWIS, mfrs. saw mill machinery. Five buildings-four 1-st. brick; one 2 st frame; one boiler; one engine, 75 horse power. Estab. 1899	50		50	1,000	2,000
Suggested that the fly wheel in engine room be guarded, proprietors promised to do it.	~		00	1,000	2,000
EUREKA STEAM LAUNDRY, John Dustin, prop. On first floor and in basement of 3 st. brick building; one boiler; one engine, 10 horse power. Estab. 1887	2	9	11	<b></b>	50
FIELD, MARSHALL & CO, mfrs. shirts. Two buildings—one 2 st. frame: one 1-st. brick; one boiler; one engine, 100 horse power. Estab. 1834  Ordered main door changed to swing outward; gate instead of bar provided on elevater opening at second floor; fly wheel in engine room guarded.	12	188	150	19,000	85,000
F OND DU LAC BOILER WORKS, mfrs. boilers and					

Establishments Inspected.	Number of Employes.		Number of Employes.		of Bew hibery.
	Male.	Fem.	Total	( )ost of h building   provemen	Cont
smoke stacks. One 1-st. frame building, hand power.	8		8		
FOND DU LAC GAS LIGHT CO. Three buildings— two 2st. and one 1 st. brick and several sheds; two boilers; one engine; one dynamo, 80 horse power Estab. 1868.	6		6		•••
FOND DU LAC IMPLEMENT CO., mfrs. farm machinery, wagon and sleigh castings. Two buildings—one 2 st. and atte and one 2 st and 1-st. addition; one boiler; one engine, 25 horse power. Estab. 1893  Ordered guard placed on ripsaw and elevator shaft guarded. Accident.—A workman cut off part of his thumb on rip saw.	84	•••	34	\$100	<b>\$</b> 2,500
FOND DU LAC LIGHT POWER & RY. CO. One 1 st. frame building; two boilers; three engines, 300 h. rse power; one generator, four dynamos. Estab. 1893  Ordered belting running dynamo guarded.	18		18	10,000	88,000
FOND DU LAC TABLE MANUFACTURING CO., mfrs. tables Four buildings—two 2 st and one 1-st brick; one 1-st frame; two boilers; one engine, 75 horse power. Estab 1591	40		40	2,003	1,000
FOND DU LAC ROLLER MILIS, O. L. Helmer, Prop., mfrs flour and feed. Two build ngs—one 8-st. and basement brick; one 1-st. brick; 1 boiler; 1 engine, 80 horse power. Estab. 18-2  Ordered gearing of boiling chest at 2d and 3d floor guarded and alarm bells provided. Accident.—A workman while oiling shafting was caught by a set screw and pulled around, breaking two ribs and an arm. Note.—The set screw has since been guarded.	5	••••	5		
GURNEY REFRIGERATOR CO, mfrs. refrigerators. Four buildings one 3-st. and 2-sr. brick; one 3 st. stone; one 2 st. brick; one 1-st. brick; two boilers; two engines, 340 horse power. Estab. 1891  Accident.—A young man had his foot budly cut by the sticker knives.	126		126	2,500	15,000
HABER, P. B., book, job and show printing. One 3 st. brick building; one boiler; one engine, 15 horse power. Es ab. 1635.  Note—Mr. Haber is also manager of The Commonweal h Printing Co., which employ 6 hands in basement and 2d floor of building.	6	12	18	. <b></b>	
HARRISON POSTAL BAG RACK CO. Two 2-st. brick buildings; hand power. Estab. 1879	8		8		
HUBER & FUHRMAN DRUG MILLS. Five build- inge—three 2-st. frame; one 2-st. brick; one 1-st. frame; one bo.ler; one engine, 35 horse power. Estab. 1870	14	4	18	2,600	1,000
MOORE & GALLOWAY LUMBER CO., mfrs. sash, doors and lumber. Six buildings—three 1-st. frame; two 1-st. brick; one 2-st frame; four boilers; two engines, 200 horse power. Eatab. 1964.  Cut of mill for season was 6,000,000 feet lumber.	75.		75		

Establishments Inspected.	Number of Employes.			Cost of new building im- provements.	Cost of new machinery
	Male.	Male. Fem. T		Profit	Cost
NORDWESTLICHER COURIER, Germin weekly, printing and publishing. On second floor of 2-t. brick building, power furnished by City Roller Mills. Estab. 1871	4	8	7		
NORTHWESTERN YEAST CO. Six buildings-one 3-st., four 2-st., one 1-st. frame; one 2-st. brick; 3 boilers; one engine, 30 horse power. Estab. 18:6	60	80	140		
RUEPING, WM. & SONS, tanners. Six buildings— two 8-st. brick; one 2-st frame; two 1-st. brick; one 1-st. frame; two boilers; two engines, 40 horse power. Es ab. 1854 Ordered alarm bell connections provided.	140		140	~ <b>\$4</b> ,000	•••••
STEENBERG. O. C., mfr. sash, doors and blinds. Four buildings—one 3 st frame, iron clad; one 2 st. brick; one 1-st. brick; one 1-st. frame; two boilers; one engine, 100 horse power. Estab. 1855	42		42		
SWEET. B. F. & H. L. mfrs. wagons, sleighs, etc. Eight buildings - one 2-st. brick; two 2-st. frame; two 1-st. brick; two 1-st. stone; one 1-st. frame; one boiler; one engine, 40 horse power. Estab. 1855	28		28		
WILD B. FACTORY, mfrs. crackers and confection- ery. Two 8-at. brick buildings. Estab. 1859 Ordered one fire escape placed on 8 st. candy fac- tory and fire escape on cracker factory extended fr m adjoining lower roof to ground, and alarm bell connections provided on second floor in cracker factory.	34	26	εo	2,000	••••••
WINNEBAGO FURNITURE MFG. CO., mfrs. furnitura. Five buildings—two 8-st. brick; one 2-st frame; two 1 st. brick; seven boilers; two engines, 800 horse power. E-tab 1890 Order-d platforms placed on the two fire escapes on finebing shop. Accident.—A workman was struck in the abdomen by a piece of wood flying from rip saw, from which he died within a few days; another man los; one finger on buzz planer.	250		250		<b>\$4,</b> 300
FORT ATKINSON-JEFFERSON CO.					
Inspected January, 1894, by Van Etten.  CORNISH, CURTIS & GREEN MFG CO., mfrs dairy implements. Ten buildings—one 8-st. brick; two 9-st. brick; three 1-st. brick; four 1-st. frame; one boiler; two engines, 143 norse power. Estab. 1865	96	4	100	2,100	4, 450
FORT ATKINSON BRICK MANUFACTURING CO. mfrs. brick and tile. One 1st. frame building and several sheds; one boiler; one engine, 25 horse power. Estab. 1891	02		20		
HOARD'S CREAMERIES, mfrs. butter. Four buildings—one 2-st. stone; one 1-st stone; two 1-st. frame; one boiler; one engine, 15 horse power. Estab. 1886.  Note.—Aside from the above this company operates seven creameries with 11 employees, located as follows: Cambridge, Oakland. North branch, Koahkonong, Whitney, Star and Lima.	10	8	18		••••
JEFFERSON COUNTY UNION, THE, and HOARD'S DAIRYMAN, W. D. Hoard, prep. printing and publishing. Two buildings one 2 st. brick; one 1 st. brick. Estab. 18;0	11	14	25		

Establishments Inspected.		Number of Employes			Number of Employes		of new ing im- ements.	Cost of new machinery.
	Male.	Fem.	Total	Cost of no building i	Cont			
NORTHWESTERN MANUFACTURING CO., mfrs. wagons, sleighs and chairs. Eight buildings-one 3-st. brick; two 2 st brick; two 2 st. frame; two 1-st. brick; one 1-st. frame; two boilers, two engines, 125 horse power. Estab. 1866	270	15	285	\$7,500	\$5,000			
POUNDER. GEORGE H., mfr. harrows and brooms. Three buildings—o.e 2-st. brick; one 2-st. frame; one 1-st. frame; 1 boiler, 1 engine, 18 horse power. Estab. 1878.	8		8		<del></del>			
WILCOX & RICHARDS CO., elevator and feed mill. Four buildings—three 2-st. frame; one 1-st. frame; one boller, one engine, 15 horse power.								
FORT HOWARD-BROWN CO.								
Inspected October, 1893, by Zwaska.								
ALART & McGUIRE, mfrs. pickles, onions and vine- gar. One 3-st. frame building; one boiler, hand power. Estab. 1891	8	22	25	600				
BURNS, D. M. & SON, mfrs. marine and tubular boil-rs. Two 1-st. frame bui dings; one boiler, one engine, 8 horse power. Estab. 1862	12		12					
CHICAGO, MILWAUKEE & ST PAUL R. R. SHOPS.  Nine buildings—six I st. brick; one wat. frame; two 1 st. frame; and 14 stails; two boilers, one engine, 100 horse power. Estab. 1883  Ordered guard plac d on large rip saw. Accidents—A yard carpenter lost four fingers on a face planer; another lost two fingers on same machine. The machine cannot be guarded.	200	1	201					
DUNCAN, JOHN, machine shop and foundry. Four buildings—all connected under one roof. One boller, one engine, 16 horse power. Estab. 1868	83 ,		23	. <b></b> .				
EAGLE IRON & BRASS FOUNDRY. One 1-st frame building; one bolier; one engine, 20 house power. Estab. 1680	10		10	. <b></b>				
ELDRED ANSON AND & SON, mfrs. lumber. Four buildings—two 1-st. brick; two 1-st. frame; six bollers; one engine, 203 horse power. Estab. 1876	46		46		ļ			
GREEN BAY. WINONA & ST. PAUL R. R. SHOPS. Five buildings—two i-st. frame; iwo i-st. brick; one i-st. brick r. und house, ten stalls; one boiler; one engine, 25 horse power. Estab. 1814	60		60					
FORT HOWARD LUMBER CO., planing mill. Four buildings—two 1-at brick; two 1-at frame; four boil-ers; one engine, 22 horse power. E. tab. 165 Ordered flywheel in engine room guarded, and new cord placed on alarm signal from planing mill to engine room.	75		75	•••••	8,00			
HALBACH, A., & CO, mfrs mill and agricultural ma- chinery. Two 1-st frame buildings; one bo.ler; one engine, 25 horse power. Estab. 1888	5		5		,. <b>.</b> . •			
KEMMITZ, THEO, FURNITURE CO., mfrs. furniture. Four buildings-one 4-st. frame; one 8-st. frame; two 1-st. frame; one boller; one engine, 60 horse power. E-tab. 1853	78		78					

Establishments Inspected.	Number of Employes.			f new	
ESTABLISHMENTS INSPECTAL	Male.	Fem.	Total	Cost of new building im- provements.	Cost of new machinery.
LARSEN. WILLIAM, mfr. canned fruits and vegeta- bles. Two buildings—one 2-st. and bavement and one 2 st. frame; one boiler, one engine, 25 horse power. Estab. 1393		12	26	\$12,000	\$5,000°
McDONALD, H., mfr. lumber, lath and shingles Four buildings—one 2 at frame; two 1-st frame; one 1-st. brick; boarding houses c nnected; one boiler, one engine, 50 horse power. Estab. 1881	68	••••	68		
O'LEARY BROTHERS, mfrs. bollers and sheet iron work. One 1-st. frame building; one boller; one engine, 8 horse power. Estab. 1856	5		8		·•··••
VOIGT, JOHN M. MANUFACTURING CO., mfrs. sash, doors, mouldings, stairway work, etc. Five buildings—one 2st frame; one 2st. brick; one 1st. brick; two 1st. frame; one boiler; one engine, 35 horse power. Estab. 1846	26	••••	26		•••••••
FOUNTAIN CITY-BUFFALO CO.				į	
Inspected March, 1893, by Van Etten.  FOUNTAIN CITY BREWING CO. Five buildings—two 4-st. brick; one 3-st. brick; one 1-st. brick; one 1-st. frame; one boiler; one engine, 23 horse power.  Estab. 1885	6		6		850
FOUNTAIN CITY MILLING CO., mfrs. flour and feed. Two buildings—one 8-st frame, iro 1 veneered; one 1-st. brick: one boiler; one engine, 65 horse power. Estab. 1886	5	. <b></b> .	5		150
R')ETTIGER, H. & CO., planing mill. Two buildings—one 2-st frame; one 1-st frame; one boiler; one engine, 12 horse power. Estab. 1833	8		8		•••••
THOENY, DAVID, mfr. butter. Two 1 st. and basement stone and frame buildings; one boiler; one engine. 6 horse power. Estab 1190	5	· • • • • • • • • • • • • • • • • • • •	5	900	100
GALESVILLE -TREMPLEAU CO.					
Inspected April, 1833, by Van Etten.  ARCTIC SPRINGS CREAMERY, mfrs. batter. Three buildings—one 2-st. brick; one 1st. brick; one 2-st. frame ice house; one boiler; one engine, 6 horse power. Estab. 1889  Ordered a railing around fly wheel of engine. Of the twelve employes ten are employed collecting cream.	l		12	8, 306	1,079
DAVIS, WILSON. mfr. flour and feed. Two buildings—one 5 st. stone; one 1-st. frame; 200 horse power (water). Estab. 1867	12		12		4,000
HIGH CLIFF WAGON CO, m'rs. wagons and plows First floor of one 2 st. brick and one 2 st. trame building: 85 horse power (water). Power furnished by Wilson Davis. Estab. 1892	5		5		800

Establishments Inspected.		Number of Employes.			of new dnery.
	Male.	Fem.	Total	Cost of new building im- provements.	Oost of machin
GILE-ASHLAND CO.		1			
Inspected Feb., 1894, by Van Etten.					
MONTREAL RIVER LUMBER CO, mfrs. lumber, lath and shingles. Eleven buildings-five 3st. frame; five 1-st. frame; one 1-st brick; seven boilers; four engines, 4% horse power. Estab. 1887	325		825	<b>\$3</b> 0, <b>0</b> 00	\$22,000
GLEN FLORA-CHIPPEWA CO.	ł				
Reported by firm.					
SNITZER, W. F., mfr lomber. Saw mill, planing mill and boiler house; two boilers; two engines, 100 horse power. Estab. 1893.	100		100	<b></b>	
GLENWOOD-ST. CROIX CO.	1	1			
Inspected March, 1891, by Van Etten.			1		
GLENWOOD MANUFACTURING CO., mfrs. lumber, wagon and barrel stock, and general cooperage. Twenty seven buildings—one 3-t. frame, five 2-st. frame; twenty 1 st. frame; one 1-st. brick; fourteen boilers; nine engines, 481 horse power. Estab. 1885 Accident.—A workman had his leg broken by a piece of wood flying from a rip bolting saw.	600		600	8,600	2,500
GOODYEAR -JACKSON CO.					
Inspected March, 1894, by Van Etten.  GOODYEAR, D. A. & C. A., mfrs. lumber, lath and shingles. Six buildings—three 2 st frame; three 1 st. frame; six boilers; three engines, 280 horse power. Estab. 1888.  Accident.—A workman broke his leg by falling under logging train. Company owns and operates thirty miles of ratiroad using two locomotives and thirty cars. Cut of mill for 1892 was 25,000,000 feet of lumber.	257		257	1,500	8,00
GRAFTON-OZAUKEE CO.				1	
Inspected Oct., 1893, by Zwaska.					
SHEBOYGAN KNITTING CO, mers woolen knit goods. Two buildings—one Sat. stone; one 2-st. stone, 75 horse power (water). Estab. 1433 Firm bought this plant from Milwaukee Worsted Mili Co.	03	7	87	 	7,00
GRAND RAPIDS-WOOD CO.		l		ł	
Inspected Aug., 1893, by Van Etten.  GRAND RAPIDS FURNITURE CO., THE, mfrs. furniture. Three buildings—one 3-81. frame; two 1-8. frame; one boiler; one engine, 35 horse power. Estab. 1891.  Ordered a fire escape placed on north side of factory to adjoining roof.	18	1	19	   	30
GREEN BAY, WINONA & ST. PAUL RAILROAD, REPAIR SHOPS. Torve building - two l-st. frame; one l-st. brick; one boiler; one engine, 5 h-rse p ower. Estab. 1871	9		9		1,00
KING BROTHERS, foundry and machine shop. Two buildings—one 2-st. and one 1-st. frame 30 hoise power (water). Estab 1991	5	 	8	900	9,00

Establishments Inspected.		Number of Employes		Cost of new building im- provements.	Cost of new that:
	Male.	Fem.	Total	Cost	D of
NASH BRUIHERS, mirs, flour and feed Three buildings - one 3 st. frame; one 2-st frame; one 1-st. frame; 150 horse power water. Estab. 1883	6		6	\$350	\$3,600
PIONEER WOOD PULP CO., mfrs. wood pulp. Five 1-st. frame buildings, three boilers; 700 horse power (water). Estab. 1886	15		15		2,000
TWIN CITY BREWING CO. Five buildings—one 21/2 st. frame; three 2-st. frame; one 1 st. brick; one bolier one engine, 10 horse power. Estab. 1882	5		5	11,500	7,500
GRANTON-CLARK CO.					
Report by firm.					
MASON, J. B., mfr. lumber and shingles. Two buildings—one 1-st. one 1½-st. frame; one boiler, one engine, 35 horse power. Estab. 1806	7		7		
GREEN BAY-BROWN CO.					
Inspected Oct., 1893, by Zwaska.  ANNENN J. P. CANDY CO. One 3-st. brick building; one boiler, one engine 12 horse power. Estab. 189 Ordered fire e-cape erected. Building owned by Geo. D. Nau estate	8	16	24	••••	4,000
BRITTON, D. W., mfr. cooperage Five buildings— two 2-st frame; two 1-st brick; one 1-st frame; two boilers, two engines, 80 horse power. Estab. 1850	90		90		••••
COLUMBIAN BAKING CO., mfrs. crack-rs, cakes, etc. Two buildings—one 8-st. brick; one 1-st. brick; one boiler, one engine, fo borse power. Estab. 1893.  Ordered fly wheel in engine room guarded; alarm b. il connections provided, and drive bet running counter shaft on second floor, bexed.	18	15	28	13,000	8, COu
ECKHARD & SCHUNK, mfr. cigars. On ground floor of 2-st. brick building, hand power. Estab 1875	8		8	····	
GREEN BAY ADVOCATE, THE, printing and publishing. One z-t. brick building, one gas engine, 9 horze power. Estab. 1845	6	8	9	····	
GREEN BAY & FORT HOWARD GAS & ELECTRIC CO, also GREEN BAY GAS LIGHT & FUEL CO. Four buildings—two &st brick; two left frame; three boiles; two engines, 6 dynamos, 800 horse power. Estab. 1869 and 1886	18		18		19,000
GREEN BAY & FORT HOWARD WATER WORKS CO. One 1 st. brick building; four boilers; three pumps. Estab. 1886 Capacity, 1,000,000 gallons per twenty-four hours.	7		7	·••• (	•••••
GREEN BAY PLANING MILL CO., mfrs building material. Four buildings—two 2 st. frame; two 1 st. brick; one boiler; one engine, 48 horse power. Estab. 1890 Ordered alarm bells provided. Accident.—The foreman lost three fingers on jointer.	85		85	···	
HAGEMEISTER BREWING CO. Six buildings—two \$\mathfrak{H}_{\text{st}}\$ brick; one \$\mathfrak{H}_{\text{st}}\$ brick; one \$\mathfrak{H}_{\text{st}}\$ or \$\mathfrak{H}_{\text{st}}\$ brick; one engine, 48 horse power. Estab. 1866	6		6	4,000	
HESS, GEO. B. CO., merchant millers. One 3 st., one 1-st. brick building: one boiler; one engine, 150 horse power. Estab. 1893 Ordered alarm bell connections provided; door	10		10	8,000	17,000

Establishments Inspected.	Number of Employes.		OF 28.	Cost of new building im- provements,	Uost of new machinery.
	Male.	Fem.	Total	(togt build prov	Cost
changed to swing outward, and fly wheel and main shaft in engine room guarded.					<del>-</del>
MUELLER BROS. & CO., mfrs. sash, doors and build- ing material. Three buildings—one 2-st. frame; one 1-st. brick; one 1 st. frame; one bolier; one engine, 45 horse power. Estab. 1:90 Ordered alarm bell connections provided.	16		16	\$300	
MURPHY LUMBER CO. Seven buildings—three 1-st. frame; one 2-st. frame; three 1 st. brick; nin* boilers; four engines, 425 horse power. Estab. 1886 Ordered gears of lath machine covered. Accident.—A boy had his arm broken by chain of conveyor.	125		125		\$2,000
NOFFZ, JOHN, merchant miller. One 3-st.; one 1-st brick building; one boller; one engine, 100 horse power. Estab. 1876	6		6	·	
RAHR'S, HENRY SONS, brewers. Five buildings—one 21/2 st. malt house; one 3-floor mait kiln; three 1-st. brick; one boiler; one engine, 8 horse power. Estab. 1866	16		16	8,000	·••••••
SCHWARTZE, C. & SONS, foundry and machine shop Three 1-st. brick buildings; one boiler; one engine, 8 horse power. Estab. 1888	5		5		
STATE GAZETTE, THE, Rosamond Follett, printing and publishing house. On first and second floor of 3-st. brick building: one boiler; one engine, 2½ horse power. Estab. 1866.	5	8	8		••••
STRAUBEL & EBELING, merchant millers. Three buildings—one 5-st. brick; one 8-st. frame; one 1-st. brick; two boilers; one engine, 200 horse power.  Estab. 1877	19		19		
VAN DYCKE, O. BREWING CO. Four buildings— one 3-st. brick; one 2-st. frame; two 2-st brick; one boiler; one engine, 25 horse power. Estab. 1872	9	ļ	,	<u>                                     </u>	
WEISE FURNITURE CO., THE, mfrs. extension and center tables. Four bul dlugs—one 4-st. frame; one 3-st. frame; one 1-st. frame; one boiler; one engine, to horse power. Estab. 1992 Ordered crank of engine guirded and pulleys and belt of rinsaw boxed. Accident.—A workman lost part of two flagers on a face planer.			45	8,000	12,000
GREENWOOD-CLARK CO.		l	i	ļ	
Reported by firm	1	1	1	1	
HUTCHINSON COOPERAGE CO., mfrs. staves and headings. One 1-st. frame building; two builers; one engine, 125 horse power. Estab. 1892	26	ļ	26	2,000	2,000
HANSEN-WOOD CO.			i		
Inspected March, 1894, by Van Elten.					
ROENIUS & UEHLING, mfrs. flour bbls. staves and heading. Four buildings—one 2-st. frame; three 1-st. frame; one boller; one engine, 150 horse power. Estab. 1888.	ľ		80		

ESTABLISHMENTS INSPECTED.	N ₁	Number of Employes.		of new ing im-	of new inery.
	Male.	Fem.	Total	('ost of no hullding i	Cost of machine
HARSHAW-ONEIDA CO.					
Inspected September, 1898, by Van Etten.  NORWAY & WILEY, mfrs. lumber and lath. One 9-st. frame building; two boilers; one engine, 125 horse power. Estab. 1891  A fire July 15, 1893, destroyed plant; loss \$25,000. Since rebuit. Cut of mill for 1892, was \$,500,000 ft lumber, 4,000,000 shingles.	40		40	<b>\$</b> 5,009	\$12,000
HARTFORD-WASHINGTON CO.					
Inspected March, 1894, by Zwaska.  HARTFORD PLOW WORKS, mfrs. norse powers, plows, etc. Five buildings-one 2 st. frame; three 1-st frame; one 1-st brick; one boiler; one engine, 25 horse power. Estab. 1861	18		18		•••
KENDALL, J. O. & CO, mfrs. flour. Two buildings— one 2 st. and basement brick; one 2 st. frame; on- boiler; one engine, 80 horse power steam and 75 horse power water. Estab. 1872. Ordered upright shafting and gears guarded and alarm bell extended to upper floor.	5	••••	5		•••••
NEHRBASS CASKET CO., mfrs caskets Five build- ings—two 2-st. frame; two 1-st. frame one 1-st. brick; one boil-r; one engine, 75 horse power. Estab. 1879 Order issued in 1891, to guard fly wheel in engine room had not been compiled with, therefore re- issued the order. Accident.—A workman had his foot badly cut on sticker knives.	14		14	•••••	•••
PORTZ J., BREWING & MALT CO. Five buildings— one 4-st. frame; one 8-st. frame; one 2-st. stone; one 1-st. stone; one 1-st. frame; one boiler; one engine, 82 horse power. Estab. 1874	12	ļ. <b></b> .	12	7,000	
UBER BROTHERS, mfrs. sheep and buckskin leather Three buildings—one 2-st. frame; one 1-st frame; one 1-st. stone; one boiler; one engine, 16 horse power. Estab. 1889	12		12		2,000
HATCHVILLE-DUNN CO.				١.	
Reported by firm  DAWSON, J. & S., mfrs. lumber. Saw mill and boiler shed; one boiler; one engine, 25 horse power. Estab. 1882	7		7		••••••
HAYWARD-SAWYER CO.					
Inspected Aug., 1898, by Van Etten.  NORTHERN GRAIN CO. mfrs flour and feed. Four buildings—one 3-st. frame; three 1-st. frame; of e boiler; one engine, 21 horse power. Estab. 1886.	5		5		175
NORTHERN WISCONSIN LUMBER CO, mfrs. lumber, lath and shingles. Seven buildings—one 2-kt. brick; one 2-kt. frame; three lat. frame; two 1-kt. brick; five sheds; eleven boilers; three engines, 1,2 0 horse power steam and 1,500 horse power (water).  Estab. 1881  Electric light plant and store connected. Cut of mill for 1892 was, lumber, 36,169,461 feet; lath, 6,464,000; shingles, 5,534,250.  HAZELHURST—ONEIDA CO.	2:0		¥20	4,€00	56,000
Inspected Sept., 1893, by Van Etten. YAWKEY LUMBER CO., mfrs. lumber, lath, shingles and box shooks. Eight buildings—three 2-st. frame;					

Establishments Inspected.		Number of Employes.  Male. Fem. Tots		of new ing im- ements.	Cost of new machinery.
	Male.			Cost of n building provemen	88
five 1.st. frame; four boilers; two engines, 190 horse power. Estab. 1888.  Cut of mill for 1592, was 16,100,536 ft. lumber; 3,083,000 lath; 3,810,000 shingles. Accident — A workman lott a finger on a shingle saw; another lost a finger on a rip saw.	172	8	175	\$5,000	\$10,000
HEWETT- WOOD CO.					
Inspected Jan, 1894, by Van Etten.					
RUPLINGER BROTHERS & CO., mfrs. staves and heading. Three buildings—one 2 st. frame; one 1-st. frame; two boilers; one engine, 45 horse power. Estab. 1886	21		21	500	800
HILLSDALE-BARRON CO.			i	.	
Inspected February, 1894, by Van Etten.				1	
LEE & DICKINSON, mfrs. lumber. Two buildings- one 2 st. frame; one 1 st. frame; one boiler; one en- gine. 85 horse power. Estab. 1841 Cut of mili for 1892 was 2,200,000 ft. lumber.	18		18	•••••	·•••••
HORICON—DODGE"CO.			1		
Inspected October, 1893, by Van Etten.	Ì		i	1	
HORICON WINDMILL CO. Two 2-st. frame buildings; one boiler; one engine, 10 horse power. Estab	5		5		· • • • • • • • • • • • • • • • • • • •
VAN BRUNT & WILKINS MFG. CO., THE, mfrsagricultural implements. 2-st. frame; one 2-st. stone; ix 1-st. frame; two 1-st. stone; two boilers; two engines, 125 horse power. Estab. 1861. Ordered a railing placed around fly-wheel of engine.	174	1	175	5,000	4,300
HOUGHTON-BAYFIFLD CO.				1	
Inspected July, 1893, by Van Etten.				1	
PRENTICE BROWN STONE CO., THE Quarry. Eleven buildings—one 2-st. stone and frame; two 2-st. frame; elsh 1-st. frame; twenty boilers; five engines, 290 horse power. Estab. 1888.  Acte—On the 18th of November, 1892, the great World's Fair Monolith was broken from its bed. It was presented to the Wiscousin World's Fair Commissioners by the Prentice Brown Stone Co.; but	100	••••	100	1,200	•••
on account of the great cost of transportation to Chicago, it was not accepted by them, and is still in the quarry. The dimensions are as follows: Length 115 teet, diameter at base it feet and at the top 4 feet, and is the longest monolith by 9 feet ever quarried. It is 46 feet longer than Cleopatra's needle, erected in Central park, New York City. A test of strength of the Prentice brown stone, made by Prof. F. R. Hutton, school of mines, Columbia college, showed that sample No. 1 had a compression strength of 7.083 ibs. per square inch, and sample of Prentice Excelsior a compression strength of 7.548 ins. per square inch. Average weight, 180 ibs. to the cubic foot.					
HOULTON-ST. CROIX CO.			l	I	
Reported by firm.  EAST SIDE LUMBER CO. One 1-st. frame building; seven boilers; one engine, 600 horse power. Estab.				ł	
1888	45		45		•••••

Retablishments Inspected.	Number of Employes.		Cost of new building im- provements.	of new	
	Male.	Fem.	Total	Cost build prove	Cost of machin
HUDSON-ST UROLL CO			1		
Inspected June, 1853, by Van Etten.  CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHARY. SHOPS, mfrs. freight care and general repair work. Eight buildings - one 2 st. brick; six 1 st. brick; one 1-st. frame; four boilers; one engine, 260 horse power. Estab. 1890  Accidents.—A workman lost his leg in gearing	861		864		<b>\$</b> 9,550
to rang drilling machine; another lost a thumb on hand planer; another lost a thumb and finger in a rip saw; the foremen of blacksmith shop lost a finger in graring of a portable forge; another workman felt from a car and broke his shoulder.					
HUDSON FURNITURE CO. Five buildings—one 4-st. frame; one 5-st. frame; two 1-st frame; one 1-st. brick; two builer; one engine, 75 horse power. Estab.  Note.—Firm has since reported as "gone out of business."	100	· • • • •	100		
HUDSON SAW MILL CO. Eight buildings—one 2-st. frame; seven 1-st. frame; six bollers; two engines, 250 horse power. Estab. 1883	95		95	<b>\$</b> 5,000	5,000
attating amputation; another lost three flugers in ho-low roller on edger. Cut of mill for 1802 was 11,000,000 feet lumber; 1,000,000 lath; 4,500,000 shingles.				•	
HUDSON STAR & TIMES, B. J. Price, printing and put lishing. On first floor of 2-st. brick building. Estab. 1854	5		5		•••••
WILLOW RIVER MILLING CO., mfr. flour. Eight buildings two 8-st. frame; six 1-st. frame; 600 horse power (water). Estab. 1863	7		7		
HUMBIRD-CLARK CG					
Inspected May. 1898, by Van Etten.  WATERS, JAMES, mtr. lumber. Two 1-st. frame buildings: one boiler; one engine 5b horse power.  Estab. 1890	18		18	200	1,800
Ordered a railing placed at side of main belt and projecting key on pulley of rotary saw covered.  HUNTINGSHAWANO CO.					
Reported by firm.					
TURNER, WILLIAM, mir. lumber. One 2-st; one 1-st. frame building; one bolier; one engine, 50 horse power. Estab. 1887.  Boarding house connected.	20		20	400	200
INGRAM-CHIPPEWA CO.					
Reported by firm.  FRENCH LUMBERING CO. One 2-st. frame faw mill and one 1-st. frame planing mill; one bolier; one engine, 65 horse power. Estab., 1886	85	·••••	85	<b></b>	
IRON RIVER-BAYFIELD CO.					
Inspected July, 1893, by Van Etten.  IRON RIVER LUMBER CO. Five buildings—two ?-st. frame; three 1-st. frame; four boilers; one engine 400 horse power. E-tab. 1893	60_		eo	8,000 _j	25,000

	Ni E	MBER MPLOYI	OF E8.	new g im- ienta	new ery.
Establishments Inspected.	Male.	Fem.	Total	Cost of new building im-	Cost of a
while adjusting a hopper; he died shortly a'ter; another had his leg broken by a board flying back from edger.					
LEA-INGRAM LUMBER CO. Six buildings - two 2-st frame: three 1-st. frame; one 1-st brick; three boilers; one engine, 100 horse power. E-stab. 1892 Ordered set of large graving in basement of mill guardec; the fly wheel enclosed and finger guards placed on edger saw. Accidents.—A workman's arm was quite severely injured by a saw.	100		100	<b>\$</b> 10, <b>(</b> 00	\$20,000
STAPLES S. F. LUMBER Co. Two 1-st frame buildings; two boilers; two engines, 70 horse power. Estab. 1892	30	1	81	1,000	2,000
JANESVILLE-ROCK CO.					
Inspected November, 1898, by Van Etten.  BAILEY CHESTER, mfr. cotton twine, warps, batts					
and bags. Six buildings—one z-st. frame; four i-st. frame; one i-st. brick; two boliers; two engines, 30 horse power (steam) z3 horsepower (water.) Estab. 1877.	7	18	25	100	1,400
BLANCHARD C. A., mfr. cigars. Basement and first floor of 2-st. brick; hand power. Estab. 1892	14	6	20		
BUCHHOLZ H. & CO, mfrs. carriages, wagenetts and busses. Three buildings—one 3 st. brick; two 2 st. brick; electric motor, 15 horse power. Estab. 1856	85		85		490
BUOB BROTHERS, brewers. Five buildings—one 2-st. frame; one 2-st. brick and frame; one 1-st. frame; one brick ice house; one frame ice house; two boilers; one engine, 20 horse power. Estab 1857	î		7	4,390	170
BURNS GEAR & CARRIAGE CO. One 2-st. brick building; one boiler; one engine, 10 horse power. Estab. 1891	7		7		
CHAMPION SHELF CO., mfrs. washing machines, clothes wringers, etc. Two buildings—one 3-st. frame; one 1 st. frame: one boiler; one engine, 24 horse power. Estab. 1892  Ordered one boy under 14 years discharged. Accident—A workman was quite seriously injured by a piece of wood flying back from a rio saw striking him in the face. Note—Since inspection company made assignment.	19	••••	12	•• •	
CHICAGO & NORTHWESTERN RY., repair shops, Four buildings—one 1-st. brick; two 1-st. frame; one 1-st brick, round house; one boiler; one engine, 60 horse power, Estab. 1881	85		85		750
CITY ROLLER MILLS, B. F. Crosset, agent One 2-st. brick building; 80 horse power (water). Estab. 1879. Output for 1892 was 20,000 bbls.	5		5	. <b></b>	
COLLING, WRAY & BLAIR, mfrs. sash, doors and blinds. Three buildings—one 2-wf. frame; two 1 st. frame; 40 horse pow-r (water). Estab. 1867	23		23		150

Establishments Inspected.		Number of Employes.		Number of Employee.		Employes.		Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost bulld prove	Cont				
EAGLE CIGAR BOX & LABEL CO. One 2-st. and basement brick building; 5 horse power (water).	6	12	18	·					
EMPIRE CROSS SPRING CO, mfrs. cross spring buggles, carriages, etc. One 1 st. frame building; electric motor, 15 horse power Estab. 1832	20		20		\$:00				
FORD & CO., mfrs. rye flour. Two buildings—one 3-st. frame; one 1-st. frame; 80 horse power (water). Estab. 1867.	7		7		500				
GAZETTE BINDERY & BOX FACTORY, THE, mfrs. paper boxes and bindery. One 3-st. and attic frame building; electric motor, 2 horse power. Estab. 1887 and 1890	9	6	15	••••••	1,200				
GAZETTE PRINTING CO, THE, printing and publishing. On first and second floor of 3-st, brick building; one boiler; one gas engine, ? horse power. Estab. 1845.	11	4	15		800				
GLOBE WORKS CO., mfrs. "Globe Wind Mills," grain drills and "Doty Washer." One 2 st. frame building; hand power. Estab. 1890	9		9						
GREEN & INMAN, mfrs. all kinds wood work, mouldings, brackets, etc. One 2 st. Iron veneered frame buildins; one boiler; one engine, 27 horse power (water), 35 horse power (swam). Estab. 18 7	17	1	18	· • • • • • • • • • • • • • • • • • • •	1,600				
HALL FURNITURE CO., THE. Three buildings— one ist. brick; one ist. brick; one ist frame; the boilers; one rugine, 100 horse power. Estab. 1911 O. dered a railing placed around opening on second floor and a guard on one rip saw. Accident.— A work man lost a thumb on a machine saw.	60		60	\$12,00	12,575				
HANSON FURNITURE CO. Five buildings—one 4-st. brick; one 1-st. brick; three 1 st. frame; one botter; two engines, 100 horse power. Estab. 1:62	50		50	<b>600</b>	875				
HODSON, C. W., mfr. flour and feed. Two build- ing.—one 3 st. frame; one 2-st. frame; 100 horse power. Estab. 1837	10		10		850				
JANESVILLE BARB WIRE CO, mfrs. barb wire fence staples and wire nails Two lest. frame build- ings, 10 horse power Estab. 1822	18		19	1,800	€,500				
JANESVILLE CHAIR MANUFACTORY, mfrs. oak dining chairs and rockers. Four buildings—one 3-st. frame; one 2-st. frame; one 1-st. brick; one 1-st. frame; one boiler, one engine, 35 horse power. Estab. 1892  Ordered a guard placed on one rip saw. Accident—A workman lost a finger on a rip saw. Note—This plant was formerly owned by the Victor Manufacturing Co. but went into hands of receiver and was soid to above company.	80	15	43	8,000	8,500				
JANESVILLE COTTON MILLS, mfrs. sheeting. Five buildings—one 3 st brick; two 2 st. brick; one 2 st.	}	į							

ESTABLISHMENTS INSPECTED.	Number of Employes.			ne im-	E BOTT
egiabledaanid Meraviam	Male.	Male. Fem.		Cost of new building im- provements.	Cost of machine
frame; one 1-st frame, four boliers, one engine, 1-5 horse power (steam), and 475 horse power (water). Estab. 1874.  Ordered three boys under 14 years discharged; also fast-pings removed from windows leading to five escapes. Out put of mill for 1822 was 0,101,559 yards.	75	225	800		1,500
JANESVILLE HAY TOOL CO, mfrs. having machinery. Ore 2-st. and basement frame building, hand power. Estab. 1883	6		6		
JANESVILLE JOURNAL, German weekly. Printing and publishing. On first floor of 3-st. brick building, electric motor, 2 horse power. Estab. 1889	В	ļ	5		
JANESVILLE MACHINE CO., mfrs. agricultural implements. Ten buildings—two 3-st. brick; three 2-st. brick; one 2-st. frame; two 1 st. brick; two 1-st frame; four boilers, one engine, 100 horse power. Estab. 185:	198	2	200	17,000	2,000
JANESVILLE OVERALL CO., mfrs. gents clothing. On second floor of 2-st. brick building; 3 horse power, power furnished by H. S. Woodruff. Estab. 1885	7	20	27		
JANESVILLE STEAM LAUNDRY. Ou first floor of 4-st. brick building, one bolier, one engine, 12 h rse power. Estab. Rb7	4	8	12	. <b></b>	215
JANESVILLE STREET RAILWAY CO. Two 1-st. frame buildings; one boiler, one engine, 110 hoise power. Estab. 1886	18	1	19		 
KENT. A. C., mfr. corn planters, corn knives and nooks, and cigar box lumber. Two buildings—one 2-st frame; one 1st brick, and several sheds; one builer, one engine 40 horse power	25	<b>.</b>	25	5,000	2,000
KNIPP, LOUIS F., BREWING CO. Four buildings—one 3 st. brick; one 3 st. frame: one 1-st. brick; one 1-st. frame; two boilers; two engines, 110 horse power. E tab 185%.  Manufactured 5,000 barrels in 1892.	6		6	4,000	9,000
LEWIS KNITTING CO., mfrs. fine underwear. Three buildings—two 2s. brick; one 1st frame; one boiler; one eggne, 20 horse power. Estab. 1871.  From forty to sixty females work at home.	6	104	110		7,00
MARZLUFF. F. M. & CO., mfrs. ladus' fine shoes. One s-st brics building; one boiler; one engine. 12 horsepower (water) and 15 horse power stram. Estab 1888.  Accident.—A boy lost one finger on press reliers.	65	45	110		
NEW DOTY MANUFACTURING CO., mfrs. punching and shearing machinery. Three buildings—two % st brick; one 1-st. brick; 75 horse power (water)	50		20		
NEW GAS LIGHT CO. Two 2-st. brick buildings; two fron tanks; two boilers; two engines; 3 h rse power Estab. 1846	8		8		
NORCROSS & DOTY, Blue Grass Mill, mfrs. flour. Two buildings—one 5-st. frame; one 1-st. frame; 40 horse power (water). Estab. 1841	5		5		400

ESTABLISHMENTS IMPROTED.		Number of Employes.			Jost of new machinery.
ESTABLISHMENTS INSPECTED.	Male.	Fem.	Total	oulding im-	Jost o machi
RECORDER PRINTING CO. On first floor of 8 st. brick building; 4 horse power (water). Estab. 1869	26		26		\$550
RED CROSS MILLS, mfrs flour. (Located at Indian Ford, Janesville P. O) One 2½ st frame building; 50 horse power (water.) Estab. 1875	5		5	•••	1,500
RICHARDSON, NORCROSS CO., mfrs. ladies fine shoes. On second and third finor of 8-st. brick building; 8 horse power (water). Estab. 1865	41	28	69		
RIVERSIDE STEAM LAUNDRY. In basement of 3-st. brick building; one boiler; one engine, 4 horse power. Estab. 1889	8	7	10		520
ROCK RIVER WOLLEN MILLS, Johnathan Eliis Prop. mfrs. all wool meltous. Three buildings, two 2 st. brick; one 1-st. brick; one boiler, 150 horse power (water). Estab. 1881	45	30	75	\$500	20,000
SANSPAREIL MACHINERY CO, THE, mfrs. wind mills, feed grinders, feed cutters, etc. Une 1-st. frame building; one electric motor, 12 horse power. Estab 1663.  Ordered a guard placed on one rip saw.	12	   	12		6,000
SOULMAN, JOHN, mfr. cigars. One 2-st. brick build ing, hand power. Estab. 1893	5	<b></b>	5		
TAYLOR M. D. & MORRIS, foundry and machine shop. Three hulldings—one 2-st and basement brick; one 1-st. frame: one 1-st. brick; one boiler; one engine, 5 horse power (water), 5 horse power (steam). Estab. 1890.	8		8	••••	5,000
THROUGHGOOD & CO mfrr. cigar boxes and cigar box lumber. Three buildings—one 8-st. and base- ment brick; one 1-st brick; one 1-st frame; one boiler; one engine, 5 horse power. Estab. 1874	25	20	45		700
WHITTAKER, JAMES, mfr. cigars. On first floor of 8-st. brick building. hand power. Estab. 1883 Manufactured 876, 150 cigars tu 1892.	7		7		
WISCONSIN CARRIAGE TOP CO. One 3-st. frame building; one boller; one eugine, 12 horse power. Eatab. 1865	14		18		
WOODRUFF, H. 8 & CO., mfrs. "Woodruff Buckle," In basement and on first floor of 2-st brick buildin; two boilers: two engines, 31 horse power. Estab, 1878. Ordered a guard placed around elevator opening on second floor.	;	1	8		
JEFFERSON-JEFFERSON CO.					
Inspected December, 1898, by Van Ellen.					
AMBROSE, F. O., mfr. boilers, engines, iron tanks, etc. One 1-st. brick building; one boiler; one engine, 8 horse power. Estab. 1:90	8		8		800
CITY BREWERY, R. Heger, Prop. Five building one 4 st. brick; two 8 st. brick; one 8 st. brick; one frame e'evator; one boiler; one engine; .0 horse power. Estab 1878	16		16	40,000	800

Establishments Inspected.			Number Employs			ogt of new building im- provements.	of new pinery.
	Male.	Fem.	Total	Cost of pulldi	Cost of prescribe		
COPELAND & RYDER CO., THE, mfrs. boots and shoes. Five buildings—ne 2+t. frame; two 1-st brick; two 1-st frame; one boiler; one engine, 40 horse power. Estab. 1885	68	22	90	\$1,850	\$1,800		
JEFFERSON BANNER, O. F. Roessier, printing and publishing. On first floor of 2 at. brick building; one boller; one engine, 2 horse power. Estab. 1860							
JWFFERSON BRICK & TILE MFG CO. Two buildings—one 2-st. frame; one 1-st. brick; one boilor; one engine, 40 horse power. Estab. 1886 Output for 1892 was 8,500,000 brick and 1,000,000 feet tile.	60	••••	60		150		
JEFFERSON WOOLEN MILLS, mfrs. woolen cloth. Three buildings—one 2-st. frame; one 2-st brick; one 1-st. frame; one boler; 75 horse power (water). E-stab. 1870  Firm since reported as having gone out of business	10	10	90				
HAUMSCHILD, J., & CO., m'rs. sawh, doors, blinds, moulding, etc. One 1½ st. and basement frame building; one boller; one engine, 12 h rse power. Estab. 1893.  Ordered a railing place I around fly whee'.	8		8	657	1,200		
HEIMERL, JOHN G., mir. leather. Three buildings—two 2-st. brick; one 1-st. brick; one boiler; one eagine, 20 horse power. Estab. 1865	5		5	8,000			
LEUTZ, CHAS., mfr. cigars. On first floor of 2-st. brick building, hand power. Estab. 1887	9		9				
STOPPENBAUH'S, C., SONS. Packers and dealers in provisions. Four buildings—one 3-st. brick; one 3-st. brick; one 3-st. frame; one boiler; one engine, 20 horse power. Estab. 1832	15		15				
TROEGER, G., & CO., farmers and mfrs. horse collars and fly-nets. One 2-st. frame building; one boiler; one eagine, 40 horse power Estab. 1874	8		8	400			
VAUGHN, O. C., MFG. CO, mfrs. agricultural implements. Six buildings—one 2-st. frame; five 1-st frame; one bolier; one engine, 20 horse power. Estab. 1877	9		9	   •••••			
WINTERLING & GANNON, mfrs. flour and feed. Two buildings one 3-4t. brick and stone; one 2-st. frame; 115 horse power (water). Estab. 1830	5		5				
WISCONSIN MANUFACTURING CO, mfrs chairs, bedsteads, lounges, tables, etc. Four buildings—two 2-st. and basement frame; one 2-st. frame; one boller; one engine, 50 horse power. Estab. 1856	80		30	756	0 1,640		
JEFFERSON JUNCTION—JEFFERSON CO.					1		
Inspected July, 1898, by Blumenfeld.  LYTLE STOPPENBACH CO. THE. Grain elevator and mirs. mait. One large brick mait house and one large frame elevator; three boilers; two engines; eight mailing drums, 50 horse power. Estab. 1891  JOHNSON'S CREEKJEFFERSON CO. Reported by firm.	1		10				
MANSFIELD, G. C. CO., THE, creamery. One 2 st. and 3 st. frame building: two billers; one engine, 10 horse power. Estab. 1888	5		5		<u> </u>		

Establishments Inspected,		Number of Employes.		Cost of new building im- provements.	of new thory.
	Male.	Fem.	Total	Cost build prove	20 B
JUNEAU-DODGE CO.					
Inspected October, 1893, by Van Etten.  BRIEMAN, C. G. mfr. boilèrs and feed cutters. Two buildings—one 1-st. brick; one 1-st. frame; one boiler; one engine, 6 horse power. Estab. 1890	5		5		<b></b>
KAUKAUNA-OUTAGAMIE UO.					
Inspected December, 1893, by Zwoska.					
BADGER PAPER CO, mfrs. paper, ground wood and sulphite pulp. Five buildings—one ist. frame; one sit. tone and frame; one ist. tone: one ist. tone end frame; one ist. stone; one ist. stone; 1,000 horse power (water). Estab. 1834  Ordered four large belts running beater machine boxed; gearing of three paper muchines guarded; bevel gearing running dryers and three pairs or cogwheels running paper reels guar ed. Sugg. sted to extend rod or handle by which to operate valve on digester. Accident.—A yard hand had his anale bruised by log reling on him; another workman employed in sulphite mil was fatall scalded by the steam and acid from a digester. He was married and left a wife and four children. Output for 1894 was 30, COO tons paper; 6,000 ton ground wood pulp, and 1,800 tons sulphite wood pulp.	100	8	108		
BADGER WALL PAPER CO, mfrs. wall paper. On third floor 3-st, stone and frame building. (Badger Paper Co.'s building) Power furnished by same Co., 50 horse power. Estab. 1801	86	14	50	•	\$15,000
BROKOW PULP CO., mfrs. ground wood pulp. One 2-st. stone building, 400 horse power. Estab. 1885 Note - This mill is a branch of the Badger Paper Co. Output in 1892 was 1,800 tons of wood pulp.	14		14		
CHICAGO & NORTHWEATERN RY. REPAIR SHOPS. Twenty-two buildings—two x-st. stone; two x-st. brick; one 114-st. frame; four 1-st. stone; two ist brick; eleven 1-st. frame; four boilers; 100 horse power (water). Estab. 1883  Accidents.—A workuan was killed by falling from scaffolding while working on a parior car; a car cleaner was run over and lost his leg above the knee.	250		. 250		ļ
D USTLESS FANNING MILL MFG. CO., THE. One 3-st. frame; 50 horse power, furnished by Electric Light Co. Estab. 1893			10	2,000	2,500
FOX RIVER PULP CO, mfrs. wood pulp. One 1-st. frame; one boiler, 550 horse power wat r Estab. 18-2. This plant is leased by the Thilmany Pulp and Paper Co., output given in their report.	22		. 22		
HOBERG JOHN CO, THE, mfrs. tissue paper. Two buildings—one 2-st one 1-st frame; 125 horse power (water). Estab. 1891 Ordered set screws and coupling of main shaft near geers of upright water wheel shaft guarded; main upright water wheel shaft boxed and gears above guarded, shaft and pulleys running suction pump and shaft running whipper guarded.					

Retablishments Inspected.		Number of Employees		(Net of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost o	Cont
HOENE & LONGWORTH, machine and repair shop One 2-st. and basement frame and stone building; one boiler; one engine, 6 horse power. Estab. 1892	6		6	\$1,800	\$200
KAUKAUNA ELECTRIC LIGHT CO. One 1-st. brick building; one boiler; one engine; four dynamos, 110 horse power water, 180 horse power-team. Estab. 142 Accident.—A mechanic from Antigo was setting up steam heater, he fell in fly wheel of engine and was inst nt y killed. Fly wheel has since been guarded.	5	••	5	5,000	30,000
KAUKAUNA FIBRE CO., mfrs. sulphite pulp. Five buildings—one 3 st. frame; one 1.st. stone; one 1.st. brick; two 1.st. frame: two boilers, 100 horse power. Estab. 1889  Note.—This mill burned in June, 1892; loss \$32,000. Has since been rebuilt. Capacity 2,400 tons of pulp annually.	85		85		
KAUKAUNA LUMBER & MFG. CO. Planing mill and lumber yard. Three buildings—two 2-st. frame; one 1-st frame; 50 horse power (water). Estab. 1881.	8		8		<b>-</b>
KAUKAUNA MACHINE CO., mfrs. paper mill machinery. Three 1-st. frame buildings; 50 horse power .	14		14		750
KAUKAUNA PAPER CO., mfrs. paper and wood pulp. Six buildings—f sur 1 st. and basement stone; one 1 st. stone; one 1 st. frame; two boilers; 800 horse power (water). E ttab. 18-3	50	11	61	••••	
OUTAGAMIE PAPER CO. mfrs. paper and wood pulp. Five buildings—one 3 sr. stone; one 2 st. stone; two 1 st. stone; one 1 st. frame; two boilers; 1,500 horse power (water)  Ordered bevel gears and shafting running dryers at second fi or guaried. Accident.—A workman injured his heel in dryer gearing, from the effects of which he was laid up for five months. Output for 1893 was 3,000 tons of paper and 3,000 tons wood pulp.	18	42	120		
THILMANY PULP & PAPER MILLS mfrs. wood pulp and paper. Five buildings—two 2-st. stone; two 2-st. frame; one 1-st. brick; one 1-st. frame; two boilers; 275 horse power (water). Estab. 1889 Output in 1892 was 4,000 tons paper and 1,200 tons wood pulp.	65	18	78	2,000	10,000
REESE PULP CO , mfrs, wood pulp. Two buildings — one 1½ st. and one 1-st. frame; one boiler; 800 horse power (water). Estab. 18-8 Output for 1892 was 300 tons wood pulp.	9		9		
VICTORIA MILLS, RUSSELL BROTHERS, mer- chant millers. One 2 st. and basement frame build- ing; 80 horse power (water). Estab. 18t0	5		5		
KENDALLS-MONROE CO.				İ	ł
Inspected April, 1893, by Van Etten.  DUNLAP, R. B., mfr. lun ber and feed. Two buildings—one 2st. frame; one left. frame; one boiler; one engine, 16 horse power. Estab. 1887 and 1992	;     8	ļ	8	800	1,200

Report of Inspection—Continued.

Establishments Inspected.	N E	Number of Employes.		Cost of new building im- provements.	of new hinery.
	Male.	Fem.	Total	Cost bulld prov	Cost
KENOSHA-KENOSHA CO.	1	1	]		
Inspected Feb., 1893, by Zwaska.  ALLEN'S N. R. SONS, mfrs. leather. Seven buildings—one 8 st. and basement brick; one 8st. frame; one 2-st. smd basement frame, one 2-st. frame; one 1st. brick; three 1-st. frame; five boilers; five engines, 250 horse power. Estab. 1855  Ordered to prov.de all tenks (thirty-one in number) containing hot liquid, with safe guards; to provide fairway u cast end of building B with hand rails; also hand rails placed on stairway on first floor of building D; case up elevator shaft in building B four feet high and provide guards at front of elevator openings on each floor; box rear gears of barkmills; put a partition or fence between wall andengine near main drive belt casing or railings	85%		852	40,000	20,000
around main drive belt of engine in accouring room; same in building B; further provide alarm tell communication between engine room, bark mill and beam house. Accident.—In De ember, 1899, a workman fell into a tank containing hot liquid and was literally boiled. Note.—Plant was partly destroyed by fire February, 1892. Loss on stock and buildings, \$125,000. Since rebuilt.					
BAIN WAGON CO. (Limited), mfrs wagons. Eighteen buildings-two 3 st. frame; two 3 st. frame; two 3 st. frame; three 2-st. frame; two 1-st. brick; six 1-st. frame; three 2-st. three boilers; one engine, 125 horse power. Estab.  Ordered a boy under fourteen years discharged; fly wheel in engine room cased in; black-smith shop ventilated; and alarm-bell communication provided between wood work machine shop and engine room. Acci dent.—A man lostipart of two fingers on shaper, i	8:5		875		
CHICAGO BRASS CO., mfrs. rolled brass, spinning metal, gold brouze, etc. Eight buildings—six 1-st. brick; two 1-st frame; three bollers; four engines, 380 horse power. Estab. 1886  Accident—A workman lest two flagers in stamping press. Shops are heated by hot air, and the system of vectilation by means of exhaust pipes is very good.	192	8	200		20,000
CHICAGO-ROCKFORD HOSIERY CO., mfrs. seamless hosiery. Two 2-st. brick buildings; three boilers; three engines, 110 horse power. Estab. 1892 Note. Plant was formerly known as Kenosha Watch Case Co.	50	120	170	20,000	5,000
KENOSHA CRIB CO, THE, mfrs. of cribs, cradles and children's bed. Two buildings—one 2-st. brick; one 1-st. addition: one boiler; one engine, 1t5 horse power. Estab. 1835  O'dered fi. wheel of engine guarded; also elevator shaft guarded; and drive beit near cut off saw on first floor boxed. Ordered a boy under 18 years to obtain permit.	42		423	15,000	9,800
GRANT, MRS. C., mfr. sash, doors and blinds. Three buildirgs—two x-st. frame; one 1-st brick; one boiler: one engine, 35 horse power. Estab. 1878	13		18		
GRIESBACH, E. BREWING CO. Four buildings—one 3-st. frame; two 2-st. frame; one 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1846	7		7		50
LANE MANUFACTURING CO., mfrs. lamps and brass		l			

Establishments Inspected.		Number of Employes.				of new ing im- menta,	Cost of new machinery.
	Male.	Fem.	Total	Cost of prove	Cost of machin		
goods. Three buildings—two 2-st. brick; one 1-st. frame; four boilers; one double engine, 150 horse power. Estab. 18:9  Note.—Firm has since reported as having gone out of business.	121	81	152				
NORTHWESTERN WIRE MATTRESS CO mfrs. wire mattresses for cribs and beds. Two buildings—one 3-st. brick; one 1 st. brick; four builers; two engines, 334 horse power. Estab. 18:0	146	23	168	\$15,000	<b>\$50,000</b>		
PETTIT, M. H., MALTING CO. Five buildings—one Ast. brick; one 3 st. and basement brick; grain elevator 78 ft high frame, iron veneer; two 1-st. sheds; two boilers; two engines; 175 horse power. Estab. 1857.  Note—Plant formerly known as Kenosha Milling Co., was bought by this Co., and is used as atore house.	25	••••	25		- <b></b>		
PIRSCH, NICHOLAS, mfr. wagons and carriages. Two buildings—One 2-st. brick; one 2-st. frame; one boiler; one engine, 14 horse power. Estab. 1864	11		11		••••		
WHITAKER ENGINE & SKEIN CO, THE, mfrs. engines and machines. Five buildings—one &st. brick; two-lst. brick; two-lst. brick; two-lst. brick; two-lst. brick; one engine, 40 horse power. Estab. 1864	89		82		••••		
Inspected Oct. 1893, by Van Etten.	ļ						
BORGMANN, JOHN M., mfr. sash, doors, mouldings, etc. Five buildings — one 2-st. frame; four 1-st. frame; one boiler, one engine, 30 horse power. Estab. 1882	5		5	· · · · · · · · · · · · · · · · · · ·			
HAMACHEK, FRANK, mfr. agricultural implements, mill machinery, etc. Three buildings—one 2st. frame; two 1-st. frame; one boiler, one engine, 15 horse power. Estab 18.5	40		40				
KEWAUNEE ENTERPRISE, printing and publishing. One 1-st frame building; one botier; one engine, 9 horse power. Estab. 1859			1				
KEWAUNEE FURNITURE CO. Four buildings—one 3 st. frame; one 1-st. brick; one 2-st. frame; one 1-st. frame; one boiler; one engine, 93 horse power. Estab. 1893	8	2	5				
Ordered one fire escape erected; alarm bell connections provided and fly wheel guarded. Note.—When completed will employ about 50 persons.				5,000 I	7,000		
KEWAUNEE MILLING CO. Three buildings—one 8- at. and basement brick; one 1-st. brick; one 1 st.							

ESTABLISHMENTS INSPECTED.	Number of Employes.		Em:		Cost of new building improvements.	Not of new nachinery.
	Male.	Fem.	Total	Cost build prove	Nost of machin	
frame; one boller, one engine, 250 horse power. Estab. 1870	6		6			
KEWAUNEE PRINTING CO. Printers and publishers of "The New Era" and "Kewaunee County Banner." One 2st. frame building, hand power. Estab. 1885 and 1691.	5		5		<b></b>	
KIMBERLY-OUTAGAMIE CO.						
Inspected December, 1893, by Zwaska.						
KIMBERLY & CLARK CO mfrs. paper, ground and sulphite wood pulp Nine buildings one 5-st. brick tower; one 3-st. brick; three 2-st. brick; four 1-st. brick; seven boilers; thirty-two water wheels, 8,000 horse power. Estab. 1889	190	18	208	\$175,000	<b>2</b> \$75,000	
KNOWLTON MARATHON CO.						
Reported by firm.						
BREITENSTEIN L., planing mill. Two 1-st. frame buildings; one boller; one engine, 45 horse power. Estab. 1881	6		6		100	
LA CROSSE-LA CROSSE CO.	1				i	
Inspected in March, April, May, July and October, 1898, and January, 1894, by Van Etten.						
ANDERSON MONS CO., THE, mfrs. overhalls, shirts and pants. One 4 st. and two 3-st. brick buildings; one boiler; one engine, 15 horse power. E-tab 1879.  Note.—Firm has lately furnished a hall 38x75 for the use of female employes, and contemplate establishing a dormitory.	160	35	195		·	
BOYCOTT, W. J. book and job trinting. On first floor of 3-st brick building; one boiler; one engine, 12 horse power. Estab 18-1. Ordered railing placed around fly wheel of engine	26	8	29	8,000		
CARGILL, W. W. CO. (Elevator B). Two buildings—one 3-st. frame; one 1-st. brick; one boiler; two engines, 85 horse power. Estab. 1880	12		12	85	8,000	
CHICAGO, BURLINGTON & NORTHERN RY GENERAL CAR REPAIR WORKS. Six buildings—two 2-st. frame; one 2-st. brick; two 1-st brick; one 1-st. frame; five boliers; two engines, 45 horse power. Estab. 1886.  Ordered a guard placed around fly wheel.	156	·	156	75	11,715	
CHICAGO, MILWAUKEE & ST. PAUL RY. CAR REPAIR SHOPS. Six buildingsfive 1-st. brick; one 1 st. frame; one bolier; one engine, 50 horse power. Estab. 1838	80		30			
COLMAN, C. L., mfr. lumber, lath and shingles. Ten buildingstwo 2-st. frame; seven 1-st. frame; one 1-st. brick; seven boilers; three engines, 550 horse power Estab. 1884 Firm has its own electric light plant and auto-	855	17	339	1,500	8,000	

ESTABLISHMENTS IMSPECTED.		Number of Employes.		(Jost of new building im-	Cost of new machinery.
	Male.	Fem.	Total	Cost	Cost
matic aprinklers well distributed. Cut of mill for 1892 was 86,560,000 feet of lumber; 18,500,000 shingles, and 4,360,000 lath.					
CROSBY HARDWOOD CO., mfrs., hardwood lumber and agricultural implements. Three 1-st. frame buildings; three boilers; three engines, 105 horse power. Estab 1892	50		ŧo	<b>\$</b> 3,000	<b>\$</b> 5,800
DAVIDSON LUMBER CO. Seven buildings—two %-at, frame; four 1-st. frame; one 1-st. brick; 12 boilers; two engines, 85 horse power. Estab. 1870	142	8	150	<b>2</b> 0,000	<b>80,000</b>
DAVIS, MEDARY & PLATZ CO., mfrs. harness leather. Six buildings—one 3-st and attic frame; one 2-st. frame; one 1-st. brick and stone; three 1-st. frame; five boilers; one engine, 40 horse power. Estab. 1877	78		78	•••••	2,500
DAVIS, SORENSON & CO., mfg. contractors and builders. One 114 st. frame building iron veneer; one beiler; one engine, 25 horse power. Estab. 1887 Ordered a railing placed around drive wheel. Acci- dent.—A workman lost a finger on jointer.	22		22	1,800	800
DENGLER, JOHN, mfr. cigars. One 2-st. brick building; hand power. Estab 1884	51		51	•• •••	•••••
DOUD, SONS & CO., mfrs. cooperage. Six buildings—three 2-st. frame; two 1-st. frame; one 1-st., brick; one boiler; one engine, 8 h vrse power. Estab. 1878.	25		25	•••••	· · · · · ·
DRAKE BROTHERS & DRAKE, mfrs. contractors' supplies. Four buildings—two 2+t. frame; one 1-st. brick; one 1-st frame; one boller; one engine, 25 horse power  Ordered the pulleys of band saw on first floor and pulleys of shaper and cut-off saw on second floor boxed; a guard placed on one rip saw and a railing placed around the fly wheel. Fire—A fire April 1st. 1893, destroyed plant, loss \$:00. Firm has since purchased building formerly in use by the Doty Washing Machine Co.	12		12	2,400	2,950
EAGLE BREWERY (Franz Bartl). Seven buildings- one 3-st, stone; three 2 st frame a. d stone; one frame and two stone ice houses; one boiler; one engine, 7 horse power. Estab. 1863	6		6	3,000	500
FRANKLIN IRON WORKS (S. B. Pierce), machine shop and foundry. Two buildings—one 1.st. stone; one 1.st. frame; one boiler; one engine, 7 horse power. Estab. 1875	10		10		500
FUNKE, JOS. B. CO., mfrs. confectionery. One 8-st.		1	ı		

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Establishments Inspected.	Number of Employes.		Cost of new building im- rrovements.	Nost of new machinery.	
	Male.	Fem.	Total	c'ost build	Sort
brick and third floor of another 8-st. brick building; hand power. Estab. 1880	12	28	40		
FUNK STEAM BOILER & IRON WORKS, mfrs. boilers and repair works. Four buildings—one 2-st. stone; one 1-st. brick; two 1-st. frame; one boiler; one engine, 14 horse power. Estab. 1865	15		15	·····	<b>\$</b> 700
GATEWAY CITY LAUNDRY, THE, A. H. GOOD- RICH. One 2 st. brick building; one boiler; one en gine, 16 horse power. Estab. 1891	8	7	10	••••	8,000
GATEWAY CITY LUMBER CO, mfrs. lumber, lath and shingles. Nine buildings—three 2-s: frame; four 1-st. frame; two 1-st brick; seven boilers; three engines, 300 horse powe. Estab. 1884	103	18	121		•••••
GODDARD H., mfr. lumber, lath and shingles Five buildings—one 2-st frame; four 1-st. frame; three boilers; one engine, 175 horse power. Estab. 1883	46	4	50	\$500	1,500
GUND JOHN BREWING CO. Ten buildings—two 3-st. stone; one 2-st. stone; two 1-st. brick; one 1-st. stone; four 1-st. frame; three boilers; three engines, 272 horse power. Estab. 1873	60	4	64	5, 500	50,000
HAERTER N, book bindery. On second floor 2-st. brick building; hand power. Estab. 1882	4	1	' 5		
HEILEMAN, G, BREWING CO Eight buildings—one 5-st. stone; one 4-st. stone; one 3-st. stone; three est. stone; three boilers; five engines, 207 horse power. Estab. 1858	82		32	12,000	\$8,000
HOLWAY, N. B. ESTATE, mfrs lumber, lath and shingles. Seven buildings—two 2-ss. frame; two 1-st. brick; two 1-st. frame; one 1-st. stoue; nine boilers; four engines, 375 horse power	188	12	200		
HYDE, S. Y. ELEVATOR CO., (Elevator A.) Two buildings—one 4st, frame iron veneer; one 1-st. brick; one boiler; one engine, 125 horse power. Estab. 1870	18		18		
JAMES, JOHN CO., iron and brass founders and machinists. Four building—one 2-st. brick; two 1-st. brick; one 1-st. fram—; one boiler; one engine, 25 horse power. Estab. 18.4	45		45		3,000

Establishments Inspected.		MBER MPLOYI		Cost of new building im- provements.	of new thery.
· 1	Male.	Fem.	Total	Coet o	Cont
JENK3, C. L., planing mill. Two buildings—one 2-st. frame; one 1-st brick; one boiler; one engine, 25 horse power. Estab. 1892	10		10	\$?,500	<b>\$</b> 1,5 <b>00</b>
KRATCHWIL, M., mfr. confectionery. Two buildingsone 8-st. brick; one 1-st brick; hand power. Estab. 1882	10	5	15		450
Ordered fire escape erected in rear of building to adjoining roof; one girl under 14 years discharged.					
LA CROSSE BOOT & SHOE MFG. CO., mfrs. medium grade boots and shoes. Factory on first and second floor of 3-st. brick building; electric motor, 7½ horse power. Estab. 1892	20	15	35		3, 850
LA CROSSE BOX CO, mfrs wooden boxes. Four buildings-two 2-st. frame; one 1-st. frame; one 1 st. brick; one boiler; one engine, 25 horse power. Estab. 1889	10	••••	10		• · • • •
LA CROSSE BRUSH & ELECTRIC LIGHT & POWER CO. Two buildings—one 1-st. stone; one 1-st. frame; two boilers; two engines, 275 horse power. Estab. 1881	8		8		1,000
LA CROSSE CHENILLE WORKS, mrfs. silk and woolen chenile go ds. On third floor of 3-st. brick; hand power. Estab. 1892	2	19	21		700
LA CROSSE CITY RAILWAY CO. Two 1 st. brick buildings; two bollers; one engine, 30 horse power. Estab. 1879 and 1898  This company owns and operates ten and three tenths miles of single track, using eleven cars and eighteen trailers.	36		<b>£6</b>	10,000	17,000
LA CROSSE CITY WATER WORKS. Two buildingsone 1-st. and basement brick; one 1-st frame; four boll-rs; four engines, 175 horse power. Estab 1877 Total pumpage for the year 1892, was 948,637,000 gallons.	6		6		8,758
LA CROSSE COFFEE & SPICE MILLS, J. J. Hogan, mfrs. coffee, baking powder and ground spices. Two buildings—one 3 st. brick; one 1 st. frame; one boiler; one engine, 15 horse power. Estab. Issa	5	 	5		
LA CROSSE CRACKER CO, mfrs. crackers and confectionery. Two 2 st. brick bulldings; one boi er; one engine, 20 horse power. Estab. 1884	28	12	40		1,000
LA CROSSE EDISON LIGHT & POWER CO. Two 1-st. brick buildings; three boilers; three engines, 3:5 horse power. Estab. 1887	9	1	10		
LA CROSSE FOUNDRY & MACHINE SHOPS, J. Torrance & Son, mfrs. stoves and brass castings. Four buildings—one 2 st. brick; one 2 st. frame; one 1 st. stone; one 1-st. brick; electric motor, 10 horse power. Estab. 18:8	9	1	10	2,000	
LA CROSSE GAS LIGHT CO. Five building one 2-st. brick; two 1-st. brick; one 1 st. stone; one 1-st. frame; three bolier:; two engines, 12 horse power. Estab. 1863	11		11	2,500	

Report of Inspection—Continued.

Establishments Inspected.		Number o Employes		Cost of new building improvements.	Cost of new machinery.
	Male.	Fem.	Total	Cost build prove	Cost
LA CROSSE KNITTING WORKS, mfrs hosiery and mittens. Two buildings—one 3-t. brick; one 1-st, brick; one boiler; one engine, 30 horse power. Estab. 1886	15	85	100		\$1,000
Ordered seven girls under 14 years discharged.					
LA CROSSE LINSEED OIL WORKS. Four build- ings-two?-st. brick; one 1-st. brick; one 1-st. frame; buildings b.idged; one boller; one engine, 120 horse power. Estab. 1884	14		14		. <b></b>
LA CROSSE LUMBER CO, mfrs. lumber, lath and shingles. Seven buildings—two 2-st frame; three 1-st. frame; two 1-st. brick; el-ven boilers; three engines, 700 horse power. Estab. 1871	184	16	200	\$3,000	2,000
LA CROSSE MANUFACTURING CO., mfrs. sash, doors and b'inds. One 2 st. and one 1-st. frame buildings: one boiler; one engine, 10 horse power. Estab. 1891	8		8	580	655
LA CROSSE MORNING CHRONICLE, E. B. Usher, Propr., publishing. Ond 2-st and basement brick building: one boiler, electric motor, 3 horse power. Estab. 1851	25		25		
LA CROSSE PACKING & PROVISION CO., packing and canning meats. Ten buildings—two 4 st. brick; two 1-t. brick; three 1-st. frame; three frame ice houses; two boilers; one engine, 50 horse power. Estab. 1990	85	•••	85	1,500	1,750
LA CROSSE PAPER BOX CO. On first floor of 3-st. brick; hand power. Estab. 1892 Ordered one boy under 14 years discharged.	2	6	8		400
LA CROSSE PLOW CO., mfrs. agricultural implements. Six buildings—one 2-st. stone; one 2-st. brick; one 2-st. frame; one 1-st. stone; two 1-st. frame; one boiler; one engine, 50 horse power. Estab 1-65		۰	75	6,000	4,000
LA CROSSE SOAP CO. Two buildings—one 8-st. brick; one 1 st. stone; one boller; one engine, 20 horse power. Estab. 1859.  Note.—The elevator is provided with an automatic brake invented by Mr. Ph. Schmidt, a member of the firm, it works in a very satisfactory manner.	11	1	12		
LA CROSSE STEAM LAUNDRY CO. Two buildings—one st. brick; one 1-st. frame; one boiler; one engine, 15 horse power. Estab. 1884.  Ordered guard placed on elevator opening on second floor.	7	27	84		1,000
LA CROSSE VINEGAR WORKS. Four buildings— on- 2-st stone; two 1-st stone; one 1-st brick; one boiler; one engine, 30 horse power. Ordered a box placed around main belt on first fl.or an 1 railing placed around fly wheel.	11		11		6,000

ESTABLISHMENTS INSPECTED.		Number of Employes.			Cont of new machinery.
	Male.	Fem.	Total	Cost of new building im- provements.	Cont
LA CROSSE WALLIS CARRIAGE CO., limited. Two buildings—one 4 st. and one 1-st. brick; one bolier; one engine, 35 horse power. Estab. 1885	57	8	60		
LA CROSSE WOOLEN MILLS, mfrs. Woolen cloth. Four duildings—one 2 st. brick; one 1-st. brick; two 2-st. frame; one boiler; one engine, 15 horse power. Estab. 1660	5	·••••	5		••••
LISTMAN MILL CO., mfrs flour. Four buildings- one four story frame iron veneer; two 1-st. brick; three bollers; one engine, 450 horse power. Estab.	42	1	48		
MEDRAY. J. S. SADDLERY CO., mfrs. saddlec collars and fly nets. Two buildings—one 3-st. brick; one 1-st. brick; electric motor, 1/2 horse power. Estab. 1860	85	23	58	••••	\$2,000
MICHEL, C & J. BREWING CO. Thirteen buildings four 2-st. brick; two 8-st. stone; one 2-st. stone; one 4-st. frame iron veneer; two 1-st. brick; three 1-st. frame; three builers; five engines, 163 horse power. Estab. 1836.  Ord-red a railing blaced around crank to ice machine engine. Out put for 1832 was 34,000 bbls	55	10	Ć5	<b>\$</b> 5,000	80,000
MILLER, AUGUST, mfr. brooms. One 2-st. brick building hand power. Estab. 1881	15	· ••••	15	•••••	
NATIONAL COOPECAGE CO, mfrs. patent beer kegs and bbis. Six buildings five 1-st. frame; one 1-st. brick and stone; two boilers; two engines, 80 horse power. Estab. 1891.  Ordered one boy under 14 years discharged Ordered the main doors changed to swing outward. Note-order rescin iet by Com'r. Accident.—A workman was quite badly injured by getting his head in a bending machine.	40		40	10, 150	13,500
NORD STERN ASSOCIATION. Germun, daily and semi-weekly newspaper. One 2-st. and basement brick building; electric motor; 5 horse power. Estab. 1856	11		11		, 6,000
NORTH LA CROSSE BREWERY (VOEGELE BRO3.) Four buildings one 2 st. brick; one 2-st. frame; one 1-st. brick; one frame ice house; one boller; one eu- gine, 20 horse power. Estab. 1885	4	1	5	,     1,000	
NOVELTY WOOD WORKS, mfrs. sa-h, doors, blinds and builders supplies. Five buildings—two 2-st. frame; two 1-st. brick; one boller, one engine, 50 horse power. E-tab. 1883	80		80	£00	
PAMPERIN & WIGGENHORN CIGAR CO. One 3+t. brick building; hand power. Estab. 1666	48	223	70	 	
PAUL JOHN LUMBER CO., mfrs. lumber, lath and shingles. Four buildings one 2 st. frame; one 1 st stone; eleven engines, 1,000 horse power. Estab. 1800 The Co. has its own electric light plant and has automatic sprinklers conveniently located. The cut of mill for 1892 was 48,200,000 ft. lumber, 16,183,000 shingles and 7,28*,000 lath.	881	13	897		

.  ESTABLISHMENTS INSPECTED.		Number of Employes.		Cost of new building improvements.	Cost of new machinery.
	Male.	Fem.	Total	Cost c buildi prove	Cost
PIERCE, G. H., mfrs. sash, doors and blinds. Six buildings—three 2-st. frame, iron veneer; Three 1-st. frame; one boiler; one engine, 50 horse power Estab. 1883  Ordered a railing placed around main belt and drive wheel of engine. Accident—A workman had highlumb taken off on cut off saw.	28		28	\$700	\$300
PLANK ROAD BREWERY, Geo. Zeisler & Sons. Seven buildings—One 4-st. brick; two 2-st. and basement brick; two 2-st. frame; one 1-st. bri k; one 1-st frame; two boilers, one engine. 20 horse power. Estab. 1874	7	<b></b>	7	••••	
PRESS PUBLISHING CO., publishers, Daily, Sunday and Weekly Press. One 2-st and basement brick building, electric motor, 8 horse power. Estab. 1879.	8	5	13		250
REPUBLICAN AND LEADER. THE, Printing and publishing. One 2-st. brick building, electric motor, 1/4 horse power. Estab. 1854	22	1	83		
SALZER JOHN A. SEED CO., seed growers. Three buildings—one 5 st. frame; one 3-st. frame; one 1-st. frame all iron veneer, hand power. Estab. 1879	49	69	189		
SAWYER & AUSTIN LUMBER CO., mfrs. lumber, lath and shingles. Nine bui dings—three 2-st. frame; four 1 st. frame; one 1 st. stone; one 1 st. brick; seven boilers; two engines, 700 horse power. Establess.  Cut of mill for 1892, was 27,387,070 ft. Imber; 5,412,095 lath and 22,557,000 shingles. Accident—Twe workmen had their legs broken in the rafting shed by lumber falling on them; another lost a thumb on a slab saw.	249	20	269	1,000	10,200
SEGELKE & KOHLHAUS MFG. CO., mfrs. sash, doors, blinds, mouldings, etc. Five buildings—one 4-st. frame; one 4-st. stone; one 3-st. brick; one 2-st. brick; one 1-st. brick; four boliers; one engine, 100 horse power. Estab. 1862  Ordered a platform erected on fire escape on north side of factory.	ĺ	2	115	1,000	6,000
SMITH MANUFACTURING CO., mfrs. wagons and engines and general j.b work. Fve buildings—two 2 st. frame iron veneer; one 1½ st, stone and brick; one 1-st brick; one 1-st stone; two boilers; one engine, 25 horse power. Estab 1861	85		85		400
BOLBERG, WM. J. & CO., mfrs. bollers and general sheet iron work. One 1 st stone building; 5 horse power, furnished by Franklin Iron Works. Estab. 1886.	7		7		
SPICER & BUSHMAN, job printing, on first floor of 2-st brick building; 3 horse power. Estab. 1885 Power furnished by La Crosse Chronicle.	6		6	·····•	
STAR KNITTING CO., mfrs. mittens and knit gloves. On third floor of 3 st brick building; hand power. Estab. 1888 Ordered a fire escape placed on the north side of building.	1	16	17	••••	<b>-</b>

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Retablishments Inspected.		IMBER MPLOYI		Cost of new building im- provements.	of new
	Male.	Fem.	Total	Cost build prov	Cout
STAR STEAM LAUNDRY, N. J. LORING. One 2-st. and basement brick building; one boiler; one engine, 8 horse power. Estab. 1884	4	5	9		şarî
A. S. TROW & CO, mfrs. lumber, lath and shingles. Seven buildings—two 2-st. frame; four 1-st frame; one 1-st. brick; five boilers; two engines, 250 horse power. Estab. 1882. Cut for 1892 was 12,900,000 ft lumber, 8,200,000 shingles and 2,450,600 lath.	75	10	85		200
VOIGHT & RITTER, mfrs. wagons, carriages and sleighs. Three buildings—one 3-st. brick and stone; one 3-st. brick; one 2-st. stone; one boiler; one engine, 25 horse power. Estab. 1870	26	••••	26		
VOLKSFREUND PUBLISHING CO. On second floor of 8 st. brick building; hand power. Estab. 1891	5	1	6		
WEST LA CROSSE LUMBER CO. Four buildings—one 2-st. frame: three 1-st. frame; four boilers; three engines, 500 horse power. Estab. 1880 Cut of mill for 1882 was 9,000,000 ft. lumber, 2,880,000 lath and 3,066,000 shingles.	51	4	55		600
WHEELAND SEEDER MANUFACTURING CO., mfr4. agricultural implements Nine bulidiags—two % st. brick; five 1-st. brick; two 1-st. frhme; one boiler; one englue, 80 horse power. E-tab. 1888 Ordered one boy under 14 years discharged; also a guard placed on one rip saw and main doors changed to swing out.	82	1	83		850
YEO & CLARK CO., mfrs flour and feed. Two build- ings—one 2.st and basem-nt brick; one 1.st. stone; one boiler; one engine, 60 horse power. Estab 1880. Accident.—A workman lost thumb and two fin- gers in gearing on engine.	5		5		
LAKE MILLS JEFFERSON CO.		j			
Inspected January, 1894, by Van Etten.  DOUGLASS & BROWN, mir. flour and feed. Two buildings—one 2½ st. frame; one 1.st. frame; one boiler; one enzine, 35 horse power (water) and 25 horse power (steam). Estab. 1845	5		5	<b>\$</b> 500	2.000
FARGO, F. B. & CO., mfrs. creamery supplies and machinery. Seven buildings—on- 8-st frame; one 2-st. and basenient brick; throe 2-st. frame; one 2-st. brick; one 1-st. brick; two boilers; one engine, 65-horse power  Ordered guards placed around all elevator open-	48	2	45	10,000	8.000
SEAVER, F. A. & CO., mfrs. oil tempered knives and cleavers. One 2 st. frame building, 12 horse power (water). Estab. 1873.	5		5	<b></b> .	1,500
LAKE NEBAGAMUN-DOUGLAS CO.			}		
Inspected August, 1893, by Van Etten.  BERG & CHRISTIANSON, mfrs. lumber. Four buildings—two 2 st. and two 1 st. frame: two boilers; two engines, 90 horse power. Estab. 1393  Ordered a railing placed around fly wheel; and guard to main belt.	88		8:	1,800	8,250

Report of Inspection—Continued.

Retablishments Inspected	Number of Employme.		Cost of new building im- provements.	Oost of new machinery.	
	Male.	Fem.	Total	Coat build prov	Cost of machin
LANCASTER-GRANT CO.	İ		1		
Reported by firm.					
LANCASTER EXCELSIOR WORKS. mfrs. excelsior. One 3-st. building and several barns and sheds; one boiler; one engine, 100 horse power. Estab. 18cs Work only on lower floors.	14	 	14		•••••
LANCASTER TELLER, Edward Pollock, printing and publishing. One 3-st. brick building; one boiler; one engine, 4 horse power. Estab. 1883	8	2	5		
LEHEIGH-BARRON CO.					
Inspected February, 1894, by Van Elten.					
LEHEIGH LUMBER CO Nine buildings—three 2 st. frame; six 1-st. frame; three boilers; two engines, 140 borse power. E-tab. 1890  Accident.—A workman had his leg broken by a log rolung on him. Cut for 1892 was 3,000,000 feet lumber.	50		50	<b>\$</b> 8,000	\$4,500
LITTLE BLACK-TAYLOR CO.					
Inspected February, 1894, by Van Etten.					
DAVIS & STARR LUMBER CO. planing mill. Eleven buildings—two 2-st frame; eight 1-st. frame; one 1-st. brick; seven boilers; three engines, 485 horse power. Estab. 1886	85		85		
LITTLE CHUTE-OUTAGAMIE CO.					
Inspected December, 1893, by Zwaska.  LITTLE CHUTE PAPER CO, mfrs. ground and wood puip. Three buildings—one 2-st brick; one 2-st. brick; one boiler, 3,000 horse power. Estab. 1893	60	 	60	150,000	100,000
LOYAL-CLARK CO.					
Reported by firm,					
RUPLINGER, STAVE & HEADING CO. Four 1-st. frame buildings; one boiler; one engine, 45 horse power. Estab. 1692	25	-	25	2,000	5,000
McDILL-PORTAGE CO.				į	
Reported by firm.  McDill, G. E. & Co., mfrs. flour. One 8-st. and basement frame. Estab. 1385	4	1	5	4,000	2,000
MADISON-DANE CO.					
Inspected November, 1893, by Van Etten.  ALFORD BROTHERS STEAM LAUNDRY. One 2-st. brick building; two boilers; one engine, 15 horse power. Estab. 1884.  Ordered a railing placed around fly wheel.	8	19	22	10,000	285
BALL, M. H., mfr. "Prouty," "Madison K ng" and "Gordon" printing presses and well drilling machinery. Four buildings-two 2-st. frame; one 1-st. brick; one 1-st. frame; one bolier; one engine, 25 horse power. Estab. 1870	28		22		·•••
BAUS, AMBRECHT & WAGNER, mfrs. cigars. On third floor of 3-st. brick building; hand power. Estab. 1888	7		7		

Establishments Inspected.	N E	Number Employi		Cost of new building im-	Cost of new machinery.
	Male.	Fem.	Total	Cost build proper	Cont
BRECKHEIMER, M. mfr. beer and mait. Two 2 st. brick and stone buildings, use horse power. Estab. 1865.	5		5		
CANTWELL, M. J., book, job and legal blank printing. On second and third flor of 3-st. stone building; one boiler; one gas engine, 4 horse power. Estab. 1887	7		7		\$1,700
CURTIS, DEXTER, mfr. collar pads. One 2 st. and basement frame; one boiler; one engine, 1s horse power. Estab. 1885	7	2	9		465
DEMOCRAT PRINTING CO, printing and publishing. One 2-st. and basement brick tuilding; all partitions fire proof; two boilers; two engines, 25 horse power. Estab. 1867  Accident.—A boy lost a finger in shafting. The company leares four Merganthaler linotype ma- chines; they give very got d satisfaction; capacity is 40M ems every 8 hours.	83	6	59		. <b></b>
DOW & SONS, CAPITAL CITY MILLS, mfrs. flour and feed. Five ouidings—one 4-st. frame iron veneer; one 2-st. frame; two 1-st. brick; one 1 st. frame; two boilers; one engine, 90 horse power. E-tab. 18-st. Output for 1892, was 60,600 bbls. flour and 1.500 tons feed.	. 12		18	\$1,000	•
F. F. F. STEAM LAUNDRY, Lyons & Daubner, Props. One 3-st. stone building; one boller; one engine, 10 horse power. Estab. 1880. Ordered a platform; laced on fire escape, with railing around same. A fire in April. 1893, caused a loss of \$500.00. Hon. L. Fairchild, owner of building	2	18	20	••••	2,950
FAUERBACH BREWING CO. Four buildings—one 4-st. brick; one 8.st. stone; one 2-st. bri k; one 1-st. brick; one boiler; one engine, 60 horse power. Estab 1859 Output for 1892, was 4,000 bbis.	10		10	9,000	
FINDLAY, ALEX., CO. bakery. One 11/4 st. frame. building; one boiler; one engine, 10 horse power. Estab. 1888	9	2	11		<u> </u> 
FOUR LAKES LIGHT AND POWER CO. One 2 st. brick building; four toilers; two engines, 600 horse power. Estab. 1888. Ordered railings placed around two flywheels. This company operates 166 arc lights and 2,500 incandescent lamps, requiring four arc dynamos and two incandescent alternators.	18		12	2,000	15,000
FREDRICKSON, N., & SONS, contractors and builders and mfrs. sash, doors and blinds. Five buildings—three 2-st. frame, iron-veneered; one 1 st. frame, iron veneered; one 1-st. frame, iron veneered; one 1-st. frame; one boiler; one engine. 40 horse power. Estab. 1863	45		45	1,000	600
FULLER & JOHNSON MANUFACTURING CO, mfrs. agricultural implements. Ten buildings—one 3-st. brick; two 3-st. frame; one 2-st. brick; three 1-st. frame; two boilers; one elgine, 250 horse power. Estab. 1846	98	2	100	5,00	:,000

ESTABLISHMENTS INSPECTED.	Number of Employes.			Cost of new building improvements.	Cost of new machinery.
	Male.	Fem.	Total	(Yost of ne building in provemen	Coet
The company received five awards at the Col- umbian Expesition, being the largest number received by any exhibitor of agricultural imple- ments-					
GISHOLT MACHINE CO., mfrs. iron-working machinery. One 1-st. frame building, power turnished by Fuller and Johnson Mfg. Co., 15 herse power. Estab. 1889  Note—This Company received three awards at the Culumbian Exposition; and as a result of their exhibit have received a number of loreign orders, and at time of inspection, were engaged in filling them.	12	. • • · • •	12		
GROVE, H., & SONS, mfrs. cigars. Two 2-st. brick buildings, band power. Estab. 1893. Ordered three boys under 14 years_cischarged. Output for 1892 was 880,850 cigars.	21		21		··•··•
HAUSMANN BREWING CO. Four buildings—one 4-st. brick; one 8-st brick; two 2-st. brick; two boilers; one engine, 10 horse power. Estah. 1868	19		19	\$2,000	\$ ² , 800
KING & WALKER CO., contractors for steam and hot water heating and general repair work. Five buildings—one 5-st. frame; four 1-st. frame; one boller; one engine, 10 horse power kstab. 1867 Since inspection firm bought the M. H. Bail plant.	[.] 12		12	1,200	500
LONGFIELD, S. H., & CO., contractors and builders and mf1s. sa.h, door and blinds. Two buildings—one 2-st. frame; one 1 st. frame; one boiler; one engine, 15 horse power. Estab. 1:89  Ordered a rating placed around fly wheel, a guard placed on rip saw, and cover placed over a cut-off saw.	\$5		25	150	1,750
MADISON BOOK BINDERY, G. Grimm, Propr. In basement o. "Madison Democrat" building and on third floor of "Madison State Journal" building. Estab. 1873	18	12	25		250
MADISON BUILDING & MANUFACTURING CO., contractors and builders and mfrs. building material. Three buildings- one 2-st. frame; two 1.st. frame; one boiler; one e-gine, 25 horse power. Estab. 1892.  Ordered a guard placed on two rip saws. Note.  —The business is run on the co-operative plan; all employes are stockholders and receive an equal share of the profits and sustain a like share in the losses.	8		8	eou	2, 470
MADISON CITY RAILWAY CO., electric street railway. Three i.st. frame buildings; two generaturs, 300 horse power, furnished by Four Lakes Light and Power Co. Estab. 1881 and 1898.  Company owns and operates 8½ miles of railway. Cost of construction was \$15,000.					
MADISON CITY GAS LIGHT & COKE CO. Four buildings one 2-st. brick; three 1-st. brick; one botler; one engine, 10 horse power. Estab. 1857 Capacity, 200,000 feet of gas daily.	8	 	8	8,000	7,000
MADISON HARNESS CO. On second floor of 3-st. stone building, hand power. Estab. 1886	10	l	10	١	<u> </u>

Establishments Inspected.		Number of Employes.		Cost of new building improvements.	of new hinery.
	Male.	Fem.	Total	Coet build prov	Cost
MALEC, V., & BRO, mfrs. shoes and sippers. One 2-st brick building; one boiler; one gas engine, 7 horse power. Estab. 1891	6	8	9		
PARK, WM. J. & SONS. book binders. On third floor of 3-t. stone bullding; hand power. Estab. 1864 Ordered one boy under 14 years discharged.	4	б	10		\$150
ROBBINS & BALTZELL, mfr. flour and feed Three buildings—one 4-t frame; one 1st. stone; one 1-st. frame; one boiler; one engine, 50 horse power (steam) and 150 horse power (water) Estab. 1859 Output for 1892 was 15,000 bols.	8	. 1	9		•••
SILBERNAGEL & DEAN, contractors and builders and mirs, sash, doors and blinds. Three buildings—two 2 st brick; one 2 st. frame; one boiler; one engine, 25 horse lower. Estab. 1873	30		30		<b>-600</b>
STATE JOURNAL PRINTING CO., printing, publishing and stereotyping. Three buffdings one 3 st., stone; one 1 st. brick; and second and third floors of 3-st. stone buildings; one boiler; one, engine, 20 horse power. Estab. 1837	63	1	64		
STARCK, JOHN CO, contractors and builders and mfrs. sash, doors and blinds. Three buildings one 2-st. stone; one 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1801.	85		85	•••••	150
SWENSON, J. A., contractor and builder and mfr. sash, doors and blinds. Two buildings-one 2-st. frame; one 2-st. brick; one boiler, one engine, 22 horse power. Estab. 1882 Ordered a cover placed over two cut-off saws, guards placed on two rip -aws, a railing placed at side of pulley at rip and cut off saws, and railing placed around fly wheel in engine ro.m.	25	<b></b> .	25	\$5,000	3,000
TAYLOR & GLEASON, j b printers. On second floor of 3 st. atone building, 2 horse power, furnished by F. F. F. Steam Laundry. Estab. 1892	6		6		1,500
TRACY, GIBBS & CO, job printers and publishers. On first and second floors of 3-st stone building; one boiler; one engine, 15 horse power. Estab. 1889. Ordered caps placed over projecting keys on fly wheels of two printing presses.	16	8	19		120
WISCONSIN WAGON CO., mfrs. carriage, wagons, etc. Four buildings—two 2 st. frame; one 2 st. stone; one 1-st. frame; one boller; one engine, 12 horse power. Estab 1888	11		14	850	\$00
MANITOWOC-MANITOWOC CO.			]		ļ
Inspected Nov., 1893, by Zwaska.	1		ł	i	1
BIGEL & GUSE, planing ml: and mfrs. building material. One 2-st frame building; one boiler; one angine, 35 horse power. Estab. 1888	8		8		
BURGER, H. B. & G. B., ship builders. Four buildings-one 2-st. frame; three 1 st. frame; two boilers; two engines, 80 horse power. Estab. 18:5  Ordered alarm bell connections. Accident.—A ship carpenter broke his arm by failing from a scaffolding.	75		78		

Establishments Inspected.		Number of Employes.		Cost of new building im provements.	Cost of new macuinery
	Male.	Fem.	Total	Cost ( buildi prove	Cort (
DOBBERT. CHAS., mfr. leather. Two 1-st. frame buildings; one boiler; one engine, 15 horse power. Estab. 1565	5		5		
DROST, H. & SON, mfrs paper and cigar boxes. Three buildings—two 2-st. frame and brick; one 1-st. frame; one boiler; one engine, 25 horse power. Estau. 1879	4	7	11	<b>8</b> 500	<b>\$2,00</b> 0
ELECTRIO LIGHT CO. One 1-st, frame building; two boilers; one engine; six dynamos, 150 horse power. Eatab. 1890	5		5	· • • • • • • • • • • • • • • • • • • •	
HEYROTH, F. mfr pearl buttons. One 2-st. frame building: one boiler; one engine, 10 horse power. Estab 1891.	7		7		
KUNZ, BLESER & CO., mfrs. beer. Five buildings— three 2 st. brick; two 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1879.	18		18		·
MANITOWOC GLUE CO. Five buildings—one 2-st, brick; four 2-st, frame: one boiler, one engine, 40 horse power. Estab 1868  Accident.—As small boy had his chest badly hurt in chain elevator.	16	4	20	 	
MANITOWOO PEAS CANNING CO. Two buildings— one 2-st. and one 1 st. frame; one boiler; one engine, 10 horse power. Estab. 1890	8	8	11		
MANITOWOC PILOT, THE, printing and publishing. On first floor of 2-st. frame building; one boiler; one engine, 81/4 horse power. Estab. 1859	5		5	· · · · · · · · · · · · · · · · · · ·	. <b>.</b>
MANITOWOC SEATING CO THE, mfrs. church, school and opera hcuse furniture. Five buildings-one 3-st. frame; one 2-st. frame; one 1-st brick; two 1-st. frame; two boilers; two engines, 2:0 horse power. Estab. 1892.  Ordered one fire escape erected on 3-st. building. and guards placed on alevator openings. Also suggested roof ventilators or suction fans, which firm promised to provide. Accident.—A workman was struck by flying piece from rip saw, from effects of which he died. The employes collected \$48 and the firm paid doctor's bills and other expenses, amounting to \$60. In April, 1892, plant was destroyed by fire, loss was \$100,000; since rebuilt at cost of \$50,000.	150		150		
MANITOWOC STEAM BOILER WORKS. Two 1-st. frame buildings; one boiler; one engine, 25 horse power. Estab. 1890.	85		35	8,000	
PROCHAZKA & CHLOUPEK, repairing and general machine work. Three buildings—one 2-st. frame; one 1-st. brick; one 1-st frame; one boiler; one en- gine, 15 horse power. Estab. 1867.	10		10		
RAHR'S WM. SONS CO., THE, brewers, malsters and mfrs. malt coffee. Eleven buildings—one 5-st. brick; one 7-st. addition; one 7-st. brick; one slate covered 5-st; two 2-st. and basement brick; one 1-st brick; four 1-st. frame; two boliers; three engines, 140 horse power. Estab. 1848.  Ordered fire escape erected on malt house. Capacity 400,000 bu. malt and 10,000 bbls. beer.  RICHARD'S IRON WORKS mfrs. engines, steam	55		55	40,000	8,000

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Betablikherete Inspected.	Number of Employee.		Емрьо			Cost of new building im- provements.	of new
	Male.	Fem.	Total	Coat	Cost of machine		
pumps and mili machinery. Five buildings—three 2-st. brick; one 1-st. brick; one 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1888	25		25	<b>\$800</b>	<b>\$500</b>		
RICHTER, A. M. & SONS, mfrs. vinegar. One 2-st. and one 1-st. frame buildings; one builer; one engine, 15 horse power. Estab. 1870	5		5				
SCHNORR BROTHERS, mfrs leather. Three buildings—one 2-st. brick; one 2-st. trame; one 1-st. brick; one boiler; one engine; 17 horse power. Estab. 1877.	6		6				
SCHREIHART BREWING CO. Four buildings—one 2-st. brick; one 2-st. frame; two 1-st. frame; one boiler; one engine, 12 horse power. Estab. 1855	5	•• ••	5				
SHERMAN L. M. LEATHER CO. Two buildings—one 2-st. frame with brick basement; one 1-st. frame; one boiler; one engine, 12 horse power. Estab. 1854. Buildings are old and ceilings low.	5		5				
SMALLEY MANUFACTURING CO., mfrs. agricultural implements. Six buildings—one 2 st and barement brick; one 2-st. frame; two 1-st. brick; two 1-st. frame; one boiler; one engine, 50 horse power. Estab. 1837. Ordered guard placed on rip saw and kept in use when practicable.	60		60		300		
VITS HENRY, mir. leather. Two buildings—one 2 st. and basement frame; one 1-st. brick addition; one boiler; one engine, 40 horse power. Estab. 1854	10		10				
WAGNER, E., mfr. hardware. oils, paints, etc. One 8 st. brick building; hand power. Estao. 1853	16		16				
ZANDER, C. & CO., planing mill and mfrs. interior wood work. Five buildings -one 2-st. frame; one 1-st. brick; three 1-st. frame; one boiler; one engine, 80 borse power. Estab. 1885	14		14	1,500	•••••		
MAPLEWOOD-DOOR CO.		- 1					
Reported by firm.		i					
HALL, S. L., mfr. lumber. Three 1-st. frame buildings; one boiler; one engine. Estab. 1865	9		9				
MARATHON—MARATHON CO.				i			
Reported by firm.							
FULMER, D. M. LUMBER CO., portable steam saw- mill. One boiler; one engine, 30 horse power. Es- tab. 1892	14	1	15	800	2,500		
HERMANN, EDWARD, flour and saw mill. Two boilers; two engines, 100 horse power. Estab. 1869	12	2	14				
MARINETTE-MARINETTE CO.		l					
Inspected Oct., 1898, by Zwaska.		- 1	1				
EAGLE PRINTING CO., publishing and printing. On second floor of 2-st. brick building; one boller; one engine, 6 horse power. Estab. 1871	5	4	9				
HAMILTON & MERRYMAN CO., mfrs. lumber, lath and shingles. Four buildings—one 3-st. frame boarding house; two 2-st frame; one 1-st. frame; five boilers; two engines, 285 horse power. E-tab. 1871  **Accident.**—in 1892 a workman had his back sprained as the result of a fall, disabiling him from work. Cut of mill for 1892 was 23, 388, 747 feet lumber, 9,789,250 shingles, 9,189,000 lath and 256,828 pickets.	156		156				

Report of Inspection—Continued.

Establishments Inspected.	EMPL	MRER MPLOYI		Cost of new building im- provements,	of new binery.
	Male.	Fem.	Total	Cost of prove	Cost
HOPPER, H. D., mfr. stingles. One 2-st. frame building; two boilers; one engine, 40 horse power. Estab. 1871	10		10		
LIBBER & NOEL MFG CO., mfr. cedar shingles. Two buildings—one 2-st. frame; one 1 st. frame; one boiler; one engine, 20 horse power. Estab. 1893	10		10	\$2,400	\$1,600
LINDEN & MILLER, building material and mfrs. sash, cloors and blinds. Five buildings—two 2-st. frame; one ene 2-st. brick; two 1-st. frame; one bolier; one engine, 75 horse power. Estab. 1884.  Ordered alarm bell connections provided. Accident — A boy 17 years oid lost his arm in ripsew; firm paid all expenses and gave him a life scholarship.					
LUDINGTON N. CO., mfrs. lumber lath and shingles. Three buildings—one 3 st. frame boarding house; one 3 st. frame; one 1 st. brick; seven boilers; two engines, 340 horse power. Estab. 1rb5 Cut of mill for 1893 was 27,000,000 ft. lumber. 14,000,000 shingles; 3,000,000 lath: and 75,000 pickets	115		115		
MARINETTE COUNTY ARGUS, THE, publishing and printing. On second floor of 2 st. brick building; one boiler; one engine, 8 horse power. Estab. 1867		8	5	ļ	
MARINETTE FLOUR MILL CO. Two buildings— one 3 st frame; one grain elevator; 100 horse power (water). Estab. 1879	6		6		
MARINETTE IRON WORKS CO., mfrs. engines, saw mill and mining machinery. Four buildings—one 2-st. frame; two 1-st. brick; one 1 st. frame; two boil ers; two engines, 75 horse power Estab. 1878	180	ļ	180		
MARINETTE LUMBER CO., mfrs. lumber, lath and shingies. Seven buildings—two 2 st. frame; two 1-st. brick; three 1-t. frame; seven boilers; two engines, 275 horse power. Estab. 1892.  Ordered fangers placed in front of saws on the edgers; also one boy of 13 years discharged Cut of mill for 1892 was 40,000,000 lumber; 8,000,000 lath and 7,500,000 shingles. Accidents.—A young man was caught in gears and had nis leg badily hurt, he was laid up 7 months; firm paid all expenses and earn but a few ones and better the seven but a few ones and better the seven but a few ones and better the seven but a few ones and better the seven but a few ones and caught in gears and better the seven but a few ones and better the seven but a few ones and better the seven but a few ones and better the seven but a few ones and better the seven but a few ones and better the seven but a few ones and better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven better the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the seven the se	250		250	8,000	10,000
man was caught in gears and had his leg badly hurt, he was laid up 7 months; firm paid all expenses and gave him \$15. One man had his big toe cut off on saw of shingle machine. An old man while whitewashing got foot in gearing and lost one toe. Another man broke his leg while dragging logs. A 14 year-old boy cut his wrist in lath machine. One man lost part of two fingers in gearing. In every case firm contributed to the support of the injured men.					
MARINETTE & MENOMONEE BOX CO., mfrs. packing boxes. Four buildings-one 2-st. frame; one 1-st. brick; two 1-st. frame; one boiler; one engine, 125 horse power. Estab. 1890	90	 	90		
MARINETTE & MENOMONEE PAPER CO. Plant No. 1, mirs. ground wood sulphite paper. Five buildings two 3-st. brick; one 2 st. frame; one 1-st. frame; one 1-st. brick; two bollers; one engine, 200 horse power (water), and 25 horse power (steam).					9 000
Estab. 1880 Ordered large pulleys in engine room guarded	40	10	69	l	8,000

Establishments Inspected.	Емр		NUMBER OF EMPLOYES.						TR OF		NUMBER OF EMPLOYES.		of new
	Maie.	Fem.	Total	Cost of n building provemen	Cost of rasobin								
and provide railing on walk along dryers. A fire in May and June, 1893, caused a loss of about 36,000. Note.—Company also owns plant across the river in Menomonee, Mich													
MARINETTE & MENOMONEE PAPER CO. Park mill, mfrs. ground wood sulphite paper. Nine build ings—one 3-st. brick; one 2-st. brick addition; seven 1-st. brick; six bollers; 2,000 horse power (water). Estab. 1892.  Ordered four main drive belts in paper machine rooms No. 1 and No. 2 guarded; main drive belt in wood pulp room boxed, and elevator shafts guarded.	95	80	125	<b>\$</b> 278,000	§222, 000								
MARINETTE PLANING MILL CO., mfrs. sash, doors and mouldings. Two 2-st frame buildings; one boiler; one engine, 65 horse power E-stab, 1893	29		29	2,000	8,000								
MENOMONEE RIVER LUMBER CO., mfrs. lumber, lath and shingles. Four buildings—one 2 st frame; one 1 st. brick; one 1 st. frame; one 3 st. frame boarding house; nine boilers; one engine, 1:6 horse power. Estab. 1857  Ordered one boy of 13 years discharged, and guards placed on bolting saw; gears driving live rollers boxed; provide langers in front of saws on two edges; elevator carrying edgings guarded. Cut of mill, 1892, 43,000,000 feet lumber; 4,000,000; lath 9,000,000 shingles.	198		198	•••••									
MERRYMAN, R. W. & CO., mfrs. lumber, lath and shingles. Three buildings—one 2-st. frame; one 1-st. frame; one 1-st. brick; six boilers; one engine, 600 horse power. Estab. 1879	105		103	•••									
SAWYER-GOODMAN CO., mfrs. lumber, lath and shingles. Four buildings—one 2-st. frame; one 1-st. brick; two 1-st. frame; six boilers; two engines, 600 horse power. Estab. 1879	125		125										
SCOFIELD & ARNOLD LUMBER CO. Four buildings two 2-st. frame: one 1-st. brick, one 1 st. frame; seven bollers, 2 engines, 250 horse power. Estab. 1871.  **Accident.**—A workman was struck by a piece of board flying from edger breaking his leg; another workman was kilied by board flying from edger. Firm paid all expenses and shut down to attend funeral. Cut of mill for 1892 was 36,000,000 ft. lumfler; 5,000,000 shingles and 5,000,000 lath.	200		200		3,500								
STEPHENSON MANUFACTURING CO THE, mfrs. lumber, lath and shingles. One 2-st. and two 1-st. frame buildings; four bollers, one engine, 250 horse power. Estab. 1888	80		80		·•• ·•								

Establishments Inspected.		NUMBER OF EMPLOYES.		Cost of new building improvements.	of new hinery.
	Male.	Fem.	Total	Cost build prov	Cost
Cut of mill for 1892 was 14,000,000 ft. lumber; 3,-000,000 lath and 3,000,000 shingles.					
WHITBECK, H., CO., THE, mfrs. lumber, lath and shingles. Four buildings—one 3-st. frame boarding house; two 2-st. frame; one 1-st. brick; seven boilers, one engine, 250 horse power. Estab. 1868.  Ordered fangers placed in front of saws on two edgers; four band saws to be substantially ca-ed at top; one gear on back of slasher guarded; guard placed on bolting saw; guard placed on swing saw; and clutch or loose pulley placed on chain elevator with rope or shifter provided at upper floor. Cut of mill for 1893 was 61, 900,000 ft. lumber; 14, 280,000 shingles; 8,000,000 laths and 120,000 pickets.	250		250	•••••	
MARSHFIELD-WOOD CO.		1			
Inspected Jan., 1894, by Van Etten.  HATTEBERG VENEER CO., THE, mfrs. veneer panels, cheese boxes and barrel heading. Five 1-st. frame buildings, two boilers; one engine, 120 horse power. Etsab. 1891.	58		58	\$7,000	\$16,090
MARSHFIELD BREWING CO. Nine buildings—four 2-st. brick; two 1-st. brick; three 1-st. frame; two boilers; one engine, 15 horse power. Estab. 1890 Output for 1892 was 8,840 bbls. beer.	10		10	2, 200	1,500
MARSHFIELD STAVE CO. Four 1 st frame buildings; one boiler; one engine, 60 horse power. Estab. 1881	24		34		500
UPHAM MANUFACTURING CO., mfrs lumber, lath, shingles, flour and feed. Fourteen buildings—two 3-st frame; three 2-st frame; eight 1 st. frame; one 1-st. brick; ten boilers; four englass, 640 horse power. Estab. 1877	846	2	348		1,800
WRIGHT, THOMAS, contractor and builder and mfr. interior wood work. One 2-st. frame building; one boiler; one engine, 8 horse power. Estab. 1:91	10		10	1,000	1,400
MASON-BAYFIELD CO.,	1				
Inspected Aug., 1893, by Van Etten.  WHITE RIVER LUMBER CO., mfrs. lumber, lath and shingles, Rieven buildings—four 2-st. frame; five 1-st. frame; two 1-st. brick; twelve boilers; five engines, 675 horse power. Estab. 1883  Accident.—May 26, 1893, a workman, while crawling under chain of trimmer, was fatally struck by it. Note.—Electric light plant; store and boarding house connected. Cut of mill for 1892 was 40,700,000 feet lumber; 5,194,000 lath and 8,731,000 shingles.	210		210		675
MAUSTON-JUNEAU CO.					
Inspected March, 1898, by Van Etten.	1 1				
MAUSTON IRON WORKS, machine shop, foundry and feed mill. Three buildings-one 2-st. frame; two 1-st. frame; one boiler, one engine, 20 horse power. Estab. 1868.	5		5	••••••	
MAUSTON MILLING CO., mfrs. flour and feed. Five buildings—two 3-st. frame; three 1-st. frame; 150 horse power (water). Estab 1875	12		12		

Zeparlishments Improved.	NUMBER OF EMPLOYES.					or new ing im-	of new inery.
	Male.	Fem.	Total	ost of n	on of a		
RADELL, F., & CO., mfrs wagons, buggles, sleighs, etc. Two buildings—one 2 st. frame; one 1 st. frame both iron veneered, one boiler, one engine, 16 horse power Estab. 1880	5		5	\$1,700	\$1,300		
STRONG, H. C., machine shop and mfrs. lumber. One 1-st. frame building: one boller; one engine, 12 horse power. Estab. 1890	6		6				
MAYVILLE-DODGE CO.							
Reported by firm.	1						
MAYVILLE FURNITURE CO., mfrs. furniture and spinning wheels. Four buildings—one factory; one frame warehouse; one brick warehouse; one brick store; one boiler; one engine, 15 horse power  MAZOMANIE—DANE CO.	7		7	···· •			
	ł						
Inspected April, 1893, by Van Etten.  ARCADE MILLS, mfrs. flour and feed. Three buildings—one 3-st. one 2 st. and one 1-st. stone; one boiler; one engine, 75 horse power (water) and 55 horse power (steam). Extab. 1857.  Note.—At present mill closed for repairs. The twelve employes reported are repairing mid.	12		12	8,200	809		
LANG, A., brewer. Four buildings—one 2 st. stone; one 1-st. br.ck. two 1-st. frame; one boiler; one engine, 12 horse power. Estab. 1878	5	·•• ··	5	450	ភ		
MEDFORD-TAYLOR CO.	ļ	l			i		
Inspected Feb., 1894, by Van Etten.  MEDFORD EXCELSIOR CO., A. H. Wagner, receiver, mfrs. lumber and excelsior. Seven buildings—one 2st. frame; six 1.st. frame; one 1.st. brick; three boilers; two engines. 110 horse power. Estab. 1886 Cut of nill for 1892 was x.500,00 feet of lumber.	45		45	••···	•••••		
SHAW, T. F. M. & F. D. & CO. mfrs. non-acid hemlock sole leather. Eight buildings—one 2-st. frame; seven 1-st. frame; six boilers; four engines, 150 horse power. Estab. 1899 Output for 1892 was 110,000 -ides of sole leather.	187		157	500	2,500		
WESLE BROTHERS, mfrs. wsgons, carriages and sleighs. Three buildings—two 2-st. frame; one 1 st. frame; one boiler, one engine, 6 horse power. Estab. 1882	6		6	500			
Inspected Feb., 1894, by Van Etten.	ļ		1		!		
GILBERT PAPER CO., tub sized, flat, envelope paper, etc. Seven buildings—one 8-st. and basement brick; one 2-st. and basement brick; two 2-st. brick additions; two 1-st brick; one 1-st. frame; six botiers, two engines, 300 horse power (water) and 800 horse power (steam). Estab. 1837	100	25	125	·· • ••	····		
HANKE, LOUIS, mfr brick. One 1-st. frame building and several sheds; one boiler, one engine, 25 horse power. Estab. 1883.	10	ļ	10	ļ 	<u> </u>		

Establishments Inspected.		Number of Employee		Cost of new building im- provements.	of per
	Male.	Fem.	Total	Cost	COM
HOWARD PAPER CO., mfrs. print and book paper. Three buildings—one 2.st. and basement brick; one 1.st. and brick; three boilers; two engines, 300 horse power (water); 200 horse power (steam). Each 1888	40	18	52	<b>\$</b> 2,000	
MacKinnon, D. F. H., mfr. all grades of excelsior.  Three buildings—two 1-st. and basement frame; one 1-st. brick; one boiler; one engine, 107 horse power. Estab. 1880	20		20		<b>\$3,</b> 000
MACKINNON PULLEY CO., mfrs. patented iron split pulleys. Two 1-st. brick buildings; one boiler; one engine, 20 horse power (water), 12 horse power (steam). Estab. 1893	17		17	8,000	
MENASHA IRON WORKS, Howard and Jennings. Four buildings—one 2 st. frame; three 1-st. frame; one boiler; one engine, 12 horse power. Estab. 1875.	8		8		•••••
MENASHA WOODEN WARE CO., mfrs. pails, wash tube etc. Four buildings—one 3-st. brick; two 3-st. frame; one 3-st. brick; several? and 1-st. frame dry and store houses: five boilers; three engined, 100 horse power (water), 860 horse power (steam). Estab. 1836  Ordered twoboys of twelve years and three of thirtieten years discharged; the firm dismussed ten boys, (all over fourteen) besides the five mentioned above. Also ordered alarm bell connections placed between engine room and operatives room; a drivebelt on second floor running line shaft, boxed; opening of shavings vault on second floor, guarded; two traveling elevators carrying staves from first to second floors partly cased in. Accidents.—A workman lost three fingers in shafting on turn lathe; a teamster while backing up a load of stave was caught between wagon and post supporting bridge and was badly hurt, from the effects of which he died; a workman while unloading logs fell from a car into water, his head striking a log and drowned; a sawyer lost part of three fingers on a heading saw. In all cases of accidents the families. Note.—All the work in this factory is done on contract by jobbers who hire their help. The firm employs about 600 persons of which only 200 appear on the pay roll, the remainder are paid by jobbers. The children are employed as helpers at lathes; the crew at each lathe consists of four boys and one man; 600 pails are considered a tair day's work for one crew.	575		575	8,000	
MENASHA WOOD SPLIT PULLEY CO., mfrs. wood split pulleys of all grades. Five buildings—ne 3-st. frame; one 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; on engine; 85 horse power. Estab. 1988.  Accident.—One man lost his thumb on a rip saw; another lost part of two fingers on buzz planer. Note.—This is the new plant; old one was destroyed by fire in 1991.	65		65		

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Establishments Inspected.		Number of Employes.		Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost build prove	Coest
MENASHA WOOLEN MILLS, W. P. Hewitt & Co., mfrs. woolen goods. Three buildings—one 3-st. brick; one 2-st. brick; one 2-st. frame; one boiler; one engine, 50 horse power (water), 50 horse power (steam). Estab. 1867.	20	40	60		
PAUL PAPER CO. Four buildings-two 8-st. brick; two 1-st. brick; two boilers; one engine, 250 horse power. Estab. 1893	86	6	40	\$15,000	\$15,700
SCHNEIDER, JOHN, planing mill and mfr. carpenter work. One 1-st. frame building; one boiler; one engine, 30 horse power. Estab. 1872	12		12	· · · · · · · · · · · · · · · · · · ·	1,000
SMITH CHAS., R., mfr. cooperage. Two buildings—one 4-st. brick; one 8-st. frame; one boiler: one engine, 300 horse power. Estab. 1888	175		175	•••	• • • • • • • • • • • • • • • • • • • •
STRANGE J. PAPER CO., mfrs. book, manilla and express paper. Four buildings—one 3-st brick; one 2-st. basement brick; one 2-st brick; one 1-st brick; three boilers; one engine, 450 horse power. Estab.  1881	40	10	50	8,000	10,000
WALTER BROTHERS, mfrs. beer. Three buildings—one 4 st. brick; one 8-st. brick; one 2-st. brick; one boiler; one engine, 35 horse power. Estab. 1888.  Capacity, 15,000 bbis annually.	8		8	· · · · · · · · · · · · ·	
WHITING, GEORGE H., mfr. print and book paper. Four buildings—one 3 st brick; one 2 st. addition; one 1-st. addition; one 1-st. frame; two boilers; one engine. 150 horse power (water), 223 horse power (steam). Estab. 1883	30	24	60	••••	
MENOMONIE-DUNN CO.	i	l	1		
Inspected May, 1898, by Van Etten.  DUNN COUNTY NEWS, THE, printing and publish-		ŀ	ļ		
ing. First floor of 2-st. frame building; water mctor, 3 horse power. Estab. 1860	8	2	5		
HUDSON ROAD BREWERY, Burkhardt Bros., props. Two 2-st. brick buildings; one boiler; one engine, 25 horse power. Estab. 1887	7		7		
KNAPP, STOUT & CO., COMPANY, mfrs. lumber, lath, shingles and flour. Thirty buildings—one 3-st. frame; seven 3-st. brick; sixteen 1-st. frame; five 1-st. brick;; one 1-st. stone; three bollers; six engines, 1,500 horse power (water), 1,475 horse power (steam). Estab. 1+46	679		679	11,500	6,450

Retablishmente Inspected.		Number of Employes			of new
	Male.	Fem.	Total	Cost of new building im- provements.	Oost of roachine
MENOMONIE MANUFACTURING CO, foundry and machine shop. Three buildings—one 2 st. frame; one 1-st. frame; one 1-st brick; one boiler; two engines, 20 horse power. Estab. 1891.	6		6	\$2,200	\$1,870
MENOMONIE PRESSED BRICK CO. Three 1-st. frame buildings; one boiler; one engine, 80 horse power. Estab. 1872	76		76		
MENOMONIE SASH & DOOR FACTORY. Curtis, Hanson & Oleson. Three buildings—One 2-st. frame; one 1-st. frame; one 1-st. brick; one boiler; one en- gine Estab. 1884 Ordered a railing placed at side of main belt and around fly wheel in engine room.	12	1	18	400	250
MINNEAPOLIS HYDRAULIC PRESSED BRICK CO. Three 1 st. frame buildings; one boiler; one engine, 60 horse power. Estab. 1885	40		40		•••
NORTHERN HYDRAULIC PRESSED BRICK CO. Eleven buildings; one 2 st. frame; ten 1-st irame; two boilers; two engines, 120 horse power. Estab. 1892	75		15	50,000	15,000
STANDARD PRESSED BRICK CO. Two 1 st. frame buildings; one boiler; one engine, 40 horse power. Established 1890.  Output for 1892 was 960,000 brick	85		85	10,000	2,000
TIMES PRINTING CO., THE, printing and publishing. On first floor of 2-st. frame building; one solier; one engine, 6 horse power. Estab. 1876	4	2	6	800	850
WISCONSIN RED PRESSED BRICK CO. Four build- ings-one 2-st frame; two 1-st. frame; one brick; one boiler; one engine, 8t borse power. Estab. 1885 Output for 1892 was 5,400,000 brick.	1 15		85	8,500	1,000
MERRILL-LINCOLN CO.					
Inspected Sept., 1893, by Van Etten.  CENTRAL MAMUFACTUING CO., THE, mfrs. sash, doors and blinds. Seven buildings—one 2-st. frame; one 2-st. frame; five 1-st. frame; three boilers; two engines, 150 borse power. Estab. 1689  Ordered a new cable placed in elevator.	182	8	125	4,000	800
CHAMPAYNE LUMBER CO., mfrs. lumber, lath and shingles. Thirteen buildings—five 2-st frame; six 1-st. frame; two 1-st brick: seven bullers; two engines, 180 horse power. Estab. 1882  Accident.—A workman broke his leg by jumping off from the log deck; another lost two fingers on a slasher saw. Cut of mill for 1892 was 20,000,090 feet lumber; 5,968,000 lath; 9,325,000 shingles.	225		223	2,000	2,000
GILKEY & ANSON CO mfrs. lumber, lath and shingles. Eleven buildings—one 2 st. frame; eight 1 st. frame; two 1-st. brick; nine engines; four boilers, 250 horse power. Estab. 1883	225	1	226	1,500	6,500
ILLINOIS AND WISCONSIN LUMBER CO., mfrs. lumber, lath and shingles. Seven buildings—one 2-st.					

ESTABLISHMENTS INSPECTED.		Number of Employes.		f new ig im- nenta,	Poery.
establishments instruction	Male.	Fem.	Total	Oost of n building provemen	Cost of
frame; five 1-st. frame; one 1-t. brick; ten boilers; three engines, 585 horse power Estab. 1848	195		125	\$1,000	\$15,000
MERRILL FURNITURE CO. Five buildings—one 8-st. frame; hree 1-st. frame; one 1-st stone; one boiler; one engine, 175 horse power. Estab. 1898 Factory closed at time of visit. Ordered one fire escape erected, and doors changed to swing outward; raid orders to be complied with before factory commences op rations. Note—lince inspection firm has gone into hands of receiver.	50		50	8,000	11,500
MERRILL IRON WORKS, mirs. engines and saw mill machinery. Three 1-st. frame buildings, iron veneered; one boiler; one engine, 20 h.rse power. Estab. 1881	7		7	· • • • • • • • • • • • • • • • • • • •	
MERRILL LUMBER CO, mfrs. lumber, lath and shingles. Nine buildings—two 2-st. frame; six 1-st. frame; one 1-st. brick; nine engines; four boliers, 335 horse power. Estab. 1-86.  **Accidents** A workman had his arm severely cut on a saw; another lost an arm in gears in basement of mill; another broke his arm falling from tramway. Cut of mill for 1592 was 22,500,000 leet lumber; 5,000,000 lath and 15,000,000 shingles.	174	1	175	2,000	12,50
MERRILL STEAM LAUNDRY. One first floor of 2-st. frame building; one boiler; one engine, 4 horse power. Estab. 1888	2	4	6		800
RUDER, GEO., BREWING CO. Five buildings—one 8-st. frame; two 2-st. frame; two 1-st. frame; one boiler; one engine, 12 horse power. Estab. 1882	8		8		50
SCOTT, T. B, LUMBER CO., mfrs. gang sawed lumber, lath and shingles. Eight buildings—one 2-st. frame; six 1-st. frame; one 1-st. brick; four boilers; one engine, 150 horse power (steam), 750 horse power (water). Estab. 1888.  Accidents.—A workman had both legs broken by a car jamming him against a lumber pile; another had both wrists broken by fa-ling from lumber pile. Cut of mill for 1892 was 21,000,000 feet lumber, 8,500,000 lath and 17,100,000 shingles.	180		180	1,500	18,500
STRANGE, A. H., mfr. lumber, lath, shingles, sash, doors and blinds. Eleven buildings—one 8-st. frame; five 2-st. frame; three 1-st. frame; two 1-st. brick; nine boilers; six engines, 450 horse power. Estab. 1886  Note.—There were five boys under 14 years of age at work who had permits from the county judge. Cut of mill for 1892, was 9,624,980 feet lumber; 3,678,000 lath; 6,892,000 shingles; 171,868 doors; 287,375 windows; 85,689 pair blinds and 4,216,731 feet moulding.	275		<b>9</b> 75	2,000	10,000
WOLF RIVER LUMBER CO., THE. mfrs. lumber, lath and shingles. Eight buildings—one 2 st. frame; seven 1-st. frame; five boilers; two engines, 165 horse power. Estab 1888  Note.—The number of employes reported are those employed in planing mill, the saw mill has been closed since Sept., 1892. The cut of mill for 1892, was 11,000,000 feet lumber; 1,000,000 lath; and 1,000,000 shingles.	20	·••	20		500

Establishments Inspected.					NUMBER OF S.		of new	
	Malo.	Fem.	Total	Cost of n building i provenner	S N			
WRIGHT, H. W., LUMBER, CO., THE, mfrs. lumber, lath, shingles, sash, Joors and blinds. Fourteen buildings—one 3-st. frame; three 2-st. frame; two 3-st. brick; seven 1-st. frame; one 1-st. brick; nine bollers; four engines, 625 horse power. E-tab. 1891. Ordered a railing placed at side of main belt; a cover placed over set screws in collers on shafting and ordered one boy under 14 years of age discharged; three other boys under age had permits from the county judge.			850		\$10,(0)			
MERILLAN-JACKSON CO.								
Inspected April, 1863, by Van Etten.  TROW, A. S., mfr. lumber, lath and shingles. Three 1-st. frame buildings; 126 horse power (water). Estab. 1864  Accident.—A workman lost two fingers on cut off saw.	1 <b>4</b> 0 l	2	42	· • • • • • • • • • • • • • • • • • • •	500			
MILLADORE-WOOD CO.								
Inspected Jan., 1894, by Van Etten.  SHERRY LUMBER OO successors to Ph. Heinrichs, mfrs. lumber, lath and shingles. Five buildingstwo 2 st. frame; three latt. frame; three boliers; one engine, 8; horse power. Estab 1880	40	2	43	<b>\$</b> 1,000	7,800			
SUTTON MANUFACTURING CO., mfrs. staves and headings. Four 1-st. frame buildings; one bolier; one engine, 85 horse power. E-tab. 1886	:4	····	14	· • • • • • •	•••			
MILWAUKEEMILWAUKEE CO.								
Inspected in 1898 and 1894 by Zwaska.			1					
ABEL & BACH mfrs. trunks and traveling bags Cor. Tenth Street and st. Paul Avenue. Four buildings —two 4st. brick; one 3 st. brick; one 1-st. brick; two boilers; one engine, 250 horse power; tw. fire escapes; buildings connected in front Estab. 1841. Condemned hand power elevator, and ordered a rip saw in the wood machine department provided with a safety guard.		53	300		1,500			
ABEND POST (daily), printers and publishers, 84 Mason Street One 3 st brick building, one boiler; one engine, 10 horse power. Estab. 1878	55		55					
ABRESCH, CHAS. CO, mfrs. carriages and wagons, 407 to 415 Popiar Street, and 392 Fourta Street. Three buildings—one 5-st. brick; one 8-st. brick; one 2-st. brick; one iron fire escape; two boilers; one engine, 175 horse power. Estab. 1871.	100		100	17,000	18,000			
ACKERMANR., mfr. shoes and slippers, 816 Eleventh Street. One 2-st. frame building; one boiler: one engine, 10 horse power. Estab. 1888	26	24	50					
ADAMANT MANUFACTURING CO., mfrs. adamant and wall plaster, Virginia Street and Third Avenue. One 2-st. frame; one boller; one engine, 50 horse power. Estab. 1890	16		16					

Establishments Inspected.		Number of Employees.		st of new liding im- evenents.	Cost of new machinery.
	Male.	Fem.	Total	Cost build prov	Bed Bed
ADAMS, F. F., & CO., mfrs. tobacco, 90 to 98 West Water Street. Two 4-st. brick buildings; two iron fire escapes; two boilers; one engine, 125 horse power. Estab. 1847. Condemned cable of elevator in store building. Instructions were also given to keep doors and barriers closed when elevator was not in use. In order to insure a constant circulation of fresh air there are large ventilating fans provided in rooms where work is done.	120	4	184		\$2,500
ADLER, DAVID, & SONS, CLOTHING CO., mfrs. clothing. 325 to 327 East Water Street. One 7 st. stone and brick building; one boiler; three dynamos, 20 horse power. Estab. 1849.  Found elevator cable defective, and advised Mr. Adler of the fact; he at once ordered it replaced by a new one.	30	2	82		
ALLEN, H. M., mfr. cigars. 290 Broadway. One 1-st. frame building; hand power. Estab. 1879	6	·	6	• • •	• • • • • • • • • • • • • • • • • • • •
ALLIS, EDWARD P. CO., THE, (Reliance Works), inspected by Zwaska and Van Etten, mirs. engines, saw mills, flour mills, and mining machinery. Cor. Florida and Clinton streets. Seventeen buildings—one 4-st. brick; four 3-st. brick; two 3-st. frame; two 2-st. frame; seven 1-st. brick; two 3-st. frame; eight boilers; four engines, 930 horse power. Estab. 1809. Ordered iron screens to be placed between clipping room and moulders' room in foundry; also pully and shafting of 16-st boring machine guarded. In the 3-st. frame wood-working shops the third floors are used principally for storage. The buildings form an L; the west wing is connected by a bridge with the new 4-st. brick shops which take the place of the Bay State works. Accident.—An employe bad his back seriousy injured by falling from a scaffold; another had his hip broken, being struck by the handle of a crane; another workman was instantly killed by the bursting of an emery wheel; one lost a finger, being caught in small pinion; another had the bones of his wrist broken, being caught between frame and grind stone.	1.400		1,400	\$187,0°C	125,000
ALLIS, EDWARD P. CO., THE (South Bay Foundry), mfrs. heaters, boilers, etc. Stewart Street. Three buildings—one 2-st frame; two 1-st frame; one boiler; one engine, 60 horse power. Estab. 1888.  Ordered two emery wheels in foundry grarded. Note.—A protection and benefit association exists among the employes of the Allis works.	125		125	•••	••••
ALTPETER. PHILIP, malster. Cor. Third and Sherman Streets. Three buildings—one 4-st. brick; one 3-st. brick; one grain elevator, iron veneered; one boiler; one engine, 20 horse power. Estab. 1883  None employed on upper floors.	8		8	•••	
AMAZEEN & CO., mfrs. boots and shoes. Rear of 318 Wells Street. One 3-st. brick building; one fron fire escape; one boiler; one engine, 20 horse power. Estab. 1883	45	25	70		
AMERICAN BISCUIT MANUFACTURING CO. (Johnston Bros., props.), mtrs. biscuits, crackers and confectionery. 12 to 34 Erie Street. One 4-st. brick building; two iron fire escapes; two boilers; one engine, 125 horse power. Estab. 184  Ordered one girl of 13 years discharged, and a permit obtained for another girl of 13 years,	52	58	110	75.000	40, 000

Report of Inspection-Milwaukee, Continued.

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Establishments Inspected.	Number of Employes.		Cost of new building im- provements.	Cost of new machinery.	
	Male.	Fem.	Total	Cost build prov	Coert
her father being sick and she the oldest in a family of five children. Note.—This is a large plant and equipped with all modern appliances. The different apartments are airy and are kept very clean.					
AMERICAN CANDY CO., mfrs. candy. 833 to 385 East Water Street. One 4-st. brick building; one iron fire escape; two boilers; two engines, 20 horse power. Estab. 1889	26	24	60	•••	• • • • • • • • •
AMERICAN STEAM LAUNDRY. 173 Second Street. Office and laundry ir basement and on first floor of 3 st. brick building; one boiler; one engine, 6 horse power. Estab. 1885	4	18	.22		
AMERICAN VINEGAR WORKS, mfrs vinegar, mustard, etc. 680 to 086 Walnut Street. Three oulidings—two 2-st. brick; one 1-st. brick; hand power. Estab. 1884	8		8		
ANDRAE, JULIUS, mfr. electrical supplies. 186 Second Street. Two 2-st. brick buildings; one boiler; one engine, 20 horse power. Estab. 1860	18		18	············	••••
ANDRES, FRED, & CO contractors cut and sawed stone. Canal Street. Three 1-st. frame buildings; two boilers; one engine, 100 horse power. Estab. 1880	30		80	· · · · · · ·	···· ···
ANDREWS, C. E., & CO, coffee and spice mills, and mfrs. baking power. 300 to 102 Broadway. One 4-st. brick building; one boiler; one engine, 45 horse power. Estab. 1867.	. 30	5	35	•••••	
ANSTEDT, C., LEATHER CO., mfrs. leather. 550 to 564 Commerce Street. Four buildings—one 4-st. brick; one 1-st. brick; two 1-st. frame; one iron fire escape; two boilers; one engine, 45 horse power. Estab. 1786	88	· • • • • • • • • • • • • • • • • • • •	88	••••	<b>\$</b> 2,500
ATLANTIC STEAM LAUNDRY 488 Third Street. One 2-st. and basement brick building; one boiler; one engine, 10 horse power. Estab. 1886	2	9	11	<b></b>	· <b></b> .
BADGER ILLUMINATING CO., electric light and power house Third and Poplar Streets. One 2-st. brick and 1-st. addition; six bollers; five engines, 1,305 horse power. Estab. 1896.  Accident.—The engineer was killed by the bursting of steam pipe.	85		85		29, 800
BADGER LAUNDRY, 514 Walnut Street. Two buildings—one 2-st frame, brick lined; •ne 1-st. frame; one boiler; one esgine, 15 horse power. Estab. 1893 Accident.—A girl had her hand badly burned in rollers of mangler. Note.—The rollers have since been guarded. This was formerly the E. C. Busher, laundry.	4	18	20	<b></b>	,
BADGER STATE IRON WORKS, mfrs. tools and machinery, 482 Market Street. One 2-st. brick building. Estab. 1891	7		7		1,800
BADGER STATE SHOE CO., THE. mfrs. boots and ahoes, 55 to 50 Fourth Street. Formerly Atkins, West & Co. On third, fourth and fifth floors of 5-st. brick building; two iron fire escapes; 20 horse power, furnished by Grant, Breese & Co. Estab. 1875 Ordered cab.e carrying balance weight replaced by new one.	48	87	80		

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Establishments Inspected.	NUMBER OF 5.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EMPLOYER. 3.5 EM		Cost of new building im- provements,	of new		
	Male.	Fem.	Total	Oost build prove	Contract	
BARTELS MANUFACTURING CO., THE, mfrs. shipping cans, oil tanks, etc., 197 Jackson Street. One 3-st. frame building; hand power. Estab 1888 Fire On the 28th of October, 1892, fire destroyed factory, causing loss of \$20,000.	20		20			
BAYLEY, WM. & SONS CO., general founders and machinists, 734 to 766 Greenbush Screet Four buildings—one 2 st brick; three 1-st brick; two boilers; one engine. Estab. 1883.  This is the new plant, old one on Chicago Street was destroyed by fire, October 28, 1892; loss \$90,000.	185		185	\$30,090	<b>\$</b> 18,400	
BEALS, TORREY & CO., mfrs. brots and shoes, 62 to 64 Third Street. One 3-st and basement brick building; one fire escape; one bolier; one engine, 50 horse power. Estab. 1888	86	39	125	27, <b>0</b> 00	5,000	
BECHTNER, PAUL, CO., THE, mfrs. vinegar, compressed yeast, pickles, etc. Virginia Street and Second Avenue. Two buildings—One 3-st. and one 2-st. and attic brick; two fire escapes; four boilers; one engine, 80 horse power. Escab. 1893	87	8	40	••••	6,000	
BECK & PAULY LITHOGRAPHING CO., THE, 256 to 258 South Water Street. One 4-st. and basement brick building; one 2-st. addition; three fire escapes; one boiler; one engine, 25 horse power. Estab. 1866	145	25	170	••••	18,000	
BECKER, WM, LEATHER CO. Commerce Street, foot of Sherman. Five buildings—one 6-st. brick; one 4-st. brick; two 2-st. bri.k; one 1-st. brick; four boilers; two engines, 160 horse power. Estab. 1868.  Ordered two fire escapes erected on six story building, and alarm beil communication provided. December 27th, 1892, part of the plant was destroyed by fire, causing a loss of \$160,000. It has been rebuilt, and when complete will cost about \$250,000. Accident.—A workman had his arm broken in splitting machine.	825		8925			
BECKER, LOUIS, printer. 151 West Water Street, on second floor of 3-st. brick building; one electric motor, 1½ horse power. Estab. 1892	6	•••	6		5,000	
BENEDICT CO., mfrs. clothing. 402 to 404 Grand Avenue. One 5 st. stone and brick building; one five escape; one gas engine; 7 horse power. Estab. 1878.  Note — None but cutters are employed here; the work is all given out to shop tailors.						
BENJAMIN, H. M., COAL CO Large coal sheds and several small buildings; five boilers; eight engines, 250 horse power. Estab. 1878	100		100	•••••		
BENTON, WALDO, TYPE FOUNDRY, type founders and printers, 89 Huron Street. One 4-st. brick building; fire escape; one boller; one engine, 15 horse power. Estab. 1856	39	17	56	••••	••••	

Establishments Inspected,	Ni E	NUMBER OF EMPLOYES.		st of new Jding im- vements.	M Bow facty.
<del></del>	Male.	Fem.	Total	Cost of pullidity proves	Cost
BERGENTHAL, WM., CO., THE. rectifiers. Two 2-st. brick buildings, hand power. Estab 1874 Note. Since inspection firm has reported as do- ing no manufacturing.	9	1	10		
BERGER BEDDING CO., mfrs. mattresses, pillows and spring beds. 529 to 531 Market Street. One 4+t. and basement brick building; one fire escape; one engine, 20 horse power, furnished by J. G. Wagner. Estab. 1883  Ordered guard placed on rip saw and set screws on counter shaft of rip saw, and weaving machine capped. Note.—On March 30th, 1892, a boy employed in factory accidentally set the buildings on fire, causing a loss of about \$25,000.	50	6	56		
BERGHOEFER. CHAS., & LUPINSKI MFG CO., THE, millwrights and machinists. 967 to 969 North Water Street. Three buildings—one 3-st. frame; one 1-st. frame; one 1-st. brick; two boilers; one engine, 36 horse power. Estab. 1889.  Ordered alarm bell communications provided.	co		60	\$4,800	\$15,000
BERTHELET, H. & CO., mfrs. cement, sewer and culvert pipe. 630 Clinton Street, office 152 West Water Street. One 1-st. frame building; one boiler; one engine, 12 horse power. Estab. 1865	80		80		
BEYER, J. V., upholsterer. 433 Commerce Street. One 3-st. brick building; one electric motor, 9 horse power. Estab. 1875. Note.—The factory on Broadway was destroyed by fire October 28th, 1892; loss on building, ma- chinery and stock was \$7,500.	19	1	20		8,000
BIERSACH & NIEDERMEYER, mfrs. ornamental galvanized fron work. \$15-220 Fifth Street. One 1-st. brick building; hand power. Estab. 1878	25	<b></b>	25	. <b></b>	
BINNER ENGRAVING CO., wood and photo-engrav- ing. Fifth floor of Coamber of Commerce building, one motor, 8 horse power. Estab. 18-9	20	2	22		
BLATZ, VAL, BREWING CO., brewers and malaters, cor. Broadway and Juneau Ave. Thirteen buildings—one 5-st. brick; three 4-st. brick; one 8-st. brick; two 2-st. brick; five 2-and 1-st buildings; one 100 feet fron veneer frame elevator; four fire escapes; eleven boilers; nine engines, 1,800 horse power: twenty-five dynamos; two generators; three ice machines. Estab. 1251  Accidents.—One man was caught in keg elevator, badly cutting his face; another fell from a ladder and broke his ankle; blood polsoning set in, from which he died within a week; one workman jumped on moving elevator, was caught between it and the wall, disabling him for five weeks. The firm paid doctor's bills in all cases.	184		184	268,400	115,000
BLATZ, VAL, BREWING CO, bottling department 651-657 Broadway. Three 2 st. brick buildings; two bollers; electric motor, 50 horse power. Estab. 1877 General condition very good.	183	38	176	45,000	15,000
BRADLEY & METCALF CO., mfrs. boots and shoes 895-893 Reat Water Street. Three building—one 1-st- and be ement brick; two 4-st. brick and wood; two fire escapes; one wooden ladder; six gas engines, 15 hone power. Estab. 1848  Ordered erected on the tack of building at the	800	167	467		

Establishments Improved.		Number of Employes.		NUMBER OF EMPLOYES.		of new ng im- ments.	of new beery
	Male.	Fem.	Total	ogt of no building in revernen	out of management		
inner angle a fire escape with a balcony extending entire length of building at the fourth floor to afford escape to lower roof; from there, at the end in rear a stairway escape to ground. In front two additional fire escapes, one on each adjoining building. Condemned stairways as too narrow. Ordered new stairways to be at least 4 feet wide and an additional stairway placed in female department; further, gaivanized or sheet fron roof ventilator placed in female department and same on sixth floor in male department.							
BRAND STOVE CO., mfrs. stoves and ranges. 225 to 303 Sixth Street. Eight buildings—one 4-st. brick: one 8-st. brick; three 1-st. brick; two 2-st. frame; one boiler; one engine, 75 horse power. Estab. 1868.  Polishing and grinding departments are provided with suction fans.	215		215	<b>89</b> 6, 500	\$1,800		
BRODESSER MANUFACTURING CO., THE, mfrs. passenger and freight elevators. 512 to 514 Commerce-Street. Two buildings-one 8-st. brick; one addition; one boiler; one engine, 40 horse power. Estab. 1884	45		45		200		
BROWN, T. H. CO., mfrs. carriages and buggles. 131 to 135 Michigan Street. One 7-st, brick building; one fire escape, two motors, 30 horse power. Estab. 1860 Accident.—A workman lost one of his fingers on a band saw. Note.—Since inspection firm made assignment.	15		15				
BRUSS, JULIUS, stair builder. 424 Ninth Street. One 3-st. frame building; one boiler; one engine, 35 horse power. Estab. 1893	8		. 8	1,500	1,800		
BRUSS & WOLLAEGER MANUFACTURING CO., mfrs. interior wood work. 636 to 634 North Water Street. Five buildings—two 3-t. frame; two 2-st. frame; one 1-st. frame; one fire escape; two boilers, 150 horse power. Estab. 1884.  Ordered a guard placed on rip saw, and alarm bell communication- provided. Accident.—One man lost his left hand on rip saw; firm paid him his wages for six months, bought him an artificial hand and kept him in employment.	.120		120	•••••	••••••		
BUB, JOS. & CO., mfrs. upholstered goods. 817 to 819 Milwaukee Street. One 6-st. brick building; two fire escapes; hand power. Estab. 1893  Note.—Plant was formally occupied by Bub & Kipp, who dissolved partnership. Mr. Kipp located at North Milwaukee after the Third ward fire.	22		22		· • • • • • • • • • • • • • • • • • • •		
BUCYRUS STEAM SHOVEL & DREDGE CO., mfrs. mining machinery. South Milwaukee. Six buildings—oue 2-st. brick; one 1-st. brick, iron and glass; two 1-st. brick and iron; one belier; one engine; two generators, 150 horse power. Estab. 1892  **Accident.**—A workman has his foot injured by heavy piece or casting failing on it; another injured his hand between two pieces of casting.	250	••••	<b>25</b> 0	100,000	75,000		
BULFIN, ED, Job Printer. Corner Oneida and East Water Streets. In basement of "Stadt Theatre" building; one boiler; one engine; 15 horse power. Estab. 1889	12		12		l		

Establishments Inspected.	NU.1BER OF EMPLOYES.		Cost of new building im- provements.	Cost of new	
	Male.	Fem.	Total	Cost o	Cost of machin
EURDICK, ARMITAGE & ALLEN, printers. 416 Broadway. On first and second floor of 4-st. brick building; one gas engine, 10 horse power. Estab. 1867 Ordered to cut three windows in north wall of composing room on second floor; further to pro- vide an exhaust fan in sear of press room; hood connected with exhaust pipes of tan, paced on gas engine; also ordered supports placed under- neatu the floor of composing room.	28		28		
BURNHAM BROTHERS, mfrs brick. Three plants—one at Potter and Stowell Avenues: one on Howell Avenue, and one in Wauwatosa; three 1-st trame; two 1-st. brick; four boliers; three engines, 1:5 horse power. Estab. 1856	280		230		
BURNHAM, J. L., & SONS, mfrs. brick. Foot of Park Street. One 1-st. frame building; one bolier; one en- gine, 40 horse power. E-tab. 18-00	70		1 70 I	   	
BURROUGHS, GEO., mfr. trunks. 424 to 426 East Water Street. One 3-st.brick building; hand power. Estab 1867 Ordered bey of door leading to front stairway from second floor kept in position.	12		12		
CAMPBELL & GREGG, steam laundry. 514 Grand Avenue. One 2-st. brick building; one iron fire es- cape; one boiler; one engine, 30 horse power. Es- tab. 1878.	9	61	70	<b>\$</b> 5,000	\$2,000
CARPELES & CO. (members of National Trunk Co.), mfrs. trunks Cor. Thirteenth and St. Paul Streats, One 4-st. brick building; two fire escapes; two boilers; seven engines, 185 horse power. Estab. 1674 Ordered one rip saw guarded; set screws on countershaft of rip and cut-ff saws, matcher and re-aw capped; also caps placed on all other shafting where dangerous to oller when on duty. This building was formerly occupied by Walsh Tin Iron Factory. Destroyed by fire in May, 1891. Since rebuilt and in good condition.	125		125		
CARPENTER & UNDERWOOD FACTORY (American Biscuit Co.). 518 to 520 Grand Avenue. Steam bakery and conjectionery. One 3-st. brick building; one boiler; one engine, 60 horse power. Estab. 1874. Ordered one fire escape erected; drive belt of grinding mill on second floor boxed; communications between engineer's and operatives' nooms provided, and one girl under 13 years discharged.	58	27	80	••	i   
CENTENNIAL BELL AND IRON FOUNDRY, m'rs. bells, brass and iron castings. 238 to 256 Oregon Street. Three buildings—one 3-st brick; one 1-st. brick; one 1-st frame; one boiler; one engine, 15 horse power. Estab. 1876	80		80		1,500
CHAIN BELT CO., mfrs, chain belting. Park Street, between Thirteenth and Fourteenth Avenues One 2 st. building; one boiler; one engine, 10 horse power. Estab. 1876	70		70		
CHAPIN & KOPPERUD, machine shop. 231 to 233 clinton Street. Two 1-st. frame buildings; one boiler; one eagine, 25 horse power. Estab. 1885	12		12	1,350	1,400

Establishments Inspected.		Number of Employes.											Oast of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Oost o buildi prove	O B C C C C C C C C C C C C C C C C C C									
CHICAGO. MILWAUKEE & ST PAUL RAILWAY MACHINE AND CARSHOPS. Locomotive and car builders, Menomonie Valley. Twenty-one buildings—two 2st. brick; one 2st. frame; ten 1 st. brick; eight 1.st. frame; fourteen boilers; nine engines, 750 horse power. Estab. 1888	2175	•	2175											
CHICAGO, MILWAUKEE & ST. PAUL RAILWAY, (North Milwaukee) REPAIR SHOPS. Foot of Gar. field Avenue. Five buildings—one 2-st. brick; three 1-st. brick; one 1 st. frame; two bollers; one engine; 60 horse power. Estab. 1838	90		90	•••	\$1,000									
CHICAGO & NORTHWESTERN REPAIR SHOPS. Lake ahore. Third ward. Four build:ng=-two 1-st brick; two 1 st. frame: one boiler; one engine, & horse power. Estab. 1885	50		50	•••••										
CITIZEN CO., THE, publishers. Corner Milwankee and Michigan Streets. On third floor of Evening Wis- consin building; one fire escape; hand power. Estab. 1869.	5	2	7	•••••										
CLEMENT, WILLIAMS & CO., mfrs. furniture. 424 to 428 Broadway. One 6 st. brick building; one fire escape; hand power. Estab. 1882	81		81	<b></b>										
COCKLE SEPARATOR MANUFACTURING CO, mfrs. milling machinery, 66 to 70 Third Street. One 24t. brick building; one boller; one engine, 25 horse power. Estab. 1875.	24		24	) 	200									
COHEN BROS. CO, mfrs. shirts, pents and overalls, 88s to 340 Broadway. One 4-st. brick building; one fire escape; hand power. Estab. 1870	7	8	15	•••••										
COLDEWE, G., & CO., mfrs. brick moulds and detail carpenter work, 327 to 831 Sixth Street. Three build- ings-two 8-st. frame; one 1-st. frame; one boiler, one engine, 25 horse power. Estab. 1882	10		10											
COLUMBIA PUBLISHING CO. (German Weekly), publishers and printers. On third floor of 3-st. brick building. One outside stairway and lower roof ad- joining. Estab. 1871	7	••••	7											
CONRAD BROS, mfrs. leather. Commercial Street foot of Sherman. Two buildings—one 5 st. brick; one 2-st. brick; one iron fire escape; three boilers; one engine, 75 horse power. Estab. 1699	80	••••	80											

Establishments Inspected.		Number of Employes.		r new ig im- nents.	r new
establishments indpauted.	Male.	Fem.	Total	Cost of new building improvements.	Cost of new machinery.
room and operating room. A fire December 27, 1890, destroyed plant, loss \$22,000.					
CONWAY CABINET CO, mfrs. hardwood mantels and fine cabinet work. Twentieth Street and Sr. Paul avenue. Five buildings.—two 2-st. frame; two 1-st. frame; one 1-st. brick; two boilers; one engine, 250 horse power. Estab. 1855	187		187		\$200
COOGAN, M. &. CO., steam heating and ventilating, 128 Sycamore street. One 1-st. brick building; one boiler; one engine, 12 horse power. Estab. 1883	10		10	••••	
COOK & HYDE STONE CO, contractors and stone- cutters. Galena and Thirty-first Street. Two 1-st. frame buildings; one boiler; one engine, to hore power. Estab. 1:53.	18		18	\$4,000	8,000
CORNILLIE BROS., mfrs. refrigerators, bank, office and school fixtures Corner Washington and Barclay Streets. Five buildings—one 4-st. frame; two 8-st. frame; one 1-st brick; five escapes to lower adjoining roofs; one boller; one engine, 25 horse power. Estab. 1688	60		eo	• - • • • •	
CREAM CITY BREWING CO. 500 to 510 Thirteenth Street. Eight buildings—three 8-st. brick; one 3-st. frame; one 2-st. brick; two 2-st. frame; one 1-st. frame; two boilers; two engines, 145 horse power. Estab. 1879.	40	2	42		800
CREAM CITY BRICK CO., mirs. dry, pressed and eream colored brick. Between Thirteenth and hifteenth streets and St. Paul Avenue. Two buildings—one 2-st. frame; one 1-st. frame; two boilers; two engines, 185 horse power. Eatab. 1890	70		70	·····	1,500
CREAM CITY CAN WORKS, mfrs. tin cans. 268 Reed Street. One 1-t. brick building, power furnished by Hirsch Bros., 6 horse power. Estab. 1891.	18		18		2,000
CREAM CITY CEMENT CO., mfrs. cement. Town of Milwaukee. Five buildings—one 2+t. frame; four 1-st. frame; two boilers; two engines, 110 horse power Estab. 18-9	40		40		······
CREAM CITY FURNITURE CO., mfrs. furniture. 318 to 230 Milwaukee Street. Four buildings—one 6-st. brick; one 8-st. frame; two 1 st. frame; wo file escapes; one bolier; one engine, 65 horse power	60		60 [°]		
CREAM CITY GLASS CO., mfrs. bottles. Lincoln Avenue. Seven buildir gs—one 2-t. frame; five 1-st. frame; one 1-st. brick; two boilers; one engine, 35 horse power. Estab 1-83	250	····	250	••••	<b>.</b>
CREAM CITY HAT CO., mfrs. hats, caps, gloves and mittens. 336 to 338 Broadway. One 4-st. brick building; one fire escape; hand power. Estab. 1890	15	9	94	•••••	

	l N			العنعا	-					
ESTABLISHMENTS INSPECTED.		Number of Employes.			Number of Employes.				out or new oulding im-	out of new necessory.
	Male	Fem.	Total		3 3					
CREAM CITY SASH & DOOR CO., mfra, sash, doors blinds, etc. Seventh Avenue and Plerce Street Eight buildings—three 3 st. brick; three 2 st. brick two 2 st. brick; buildings bridged at sec and and thir floors; two boilers; three engines, 300 horse power Estab. 1800	i 225		225	\$7,500	008, ° 8					
CREAM CITY LAUNDRY, THE. 188 Mason Street One 1 st. brick building: one boiler; one engine, horse power. Estab. 1885	8 2	11	18		····					
CREAM CITY WOVEN WIRE WORKS, mfrs. wove wire mattresses, spring beds, etc. 724 to 726 Cans Street. Three buildings—one 4 st. frame; two 1-st frame; one boiler; one engine, 75 horse power. Estat 1286	1	·•• ··	60	1,500						
CUDAHY BROS. CO, pork and beef packers Caud hy, Mitwaukee County. Five outldings—two 3-st. brick; two 2-st. brick; one 1-st. brick; sixtee boilers; two engines; two ice machines; 785 hors power. Estab 1856 Ordered alarm belis provided on all elevators.	680		630	300,000	150,000					
DAHINDEN & GALLASCH, mfrm. vinegar. 298 to 302 Milwaukre Street. One 8-st. brick building; on fire escape; two boilers; one engine, 30 horse power Estab. 1366	j		12	•••••						
DAISY ROLLER MILLS, mfrs. flour. Foot of Wash ington street. Four buildings—one 6-st. brick; on 2-st. frame; one 1-st. brick; one gram elevator; on fire escape; four boilers; one engine, 700 horse power Estab. 1866	e		50	••••						
DANIELSON, B. J., mfr. interior wood work and car penter contractor. 876 to 681 Clinton street. Thre buildings—one 2-st. frame; one 1-st frame; one 1-st brick; one boiler; one engine, 65 horse power. Estat 1-98	15		15	5,00	10,000					
DAVELAAR, MARTIN, m'r. cream colored brick Kinnickinnic Av-nue (city limits). Three 1-st. fram buildings; two boilers; two engines, 50 horse power Estab. 1876	40		40							
DAVIS BROS. MANUFACTURING CO., mfrs. boi ers, smoke stacks, etc. 576 Clinton Street. One 1-st frame building; one boiler; one engine, 20 hors power. Estab. 1890	40		40							
DE LANGE, HENRY, mfr. packing boxes and plan ing mill. 780 to 734 Crinton Street. Two buildings- on-2-st. frame; one 1 st. frame; one boiler; one en gine, 30 horse power. Estab. 1884 Ordered slarm bell connections provided be tween engine roum and mill.	- I		8							
DEUGENTHER STEAM LAUNDRY CO, THE. 18 Mason Street. Basement and first floor of \$st. bric building; one boiler; one engine, 15 horse power Estab 1890 Ordered gearing of steam mangle guarded.	8 k . 5	27	32		8					
DORSCH & SONS, mfrs. "Rock Island Piows." 207 t 21: Wells Street. Two buildings – one 3-st. brick; one	;									

Establishments Inspected.		Number of Employes.			Cost of new machinery.
	Male.	Fem.	Total	Cost of new building im- provements.	Coet
2 st. brick: one boiler; one engine, 15 horse power. Estab. 1870	11		11		
DUERR & ROHN, mfrs. "Yale" locks, alarm bells, etc. 444 East Water Street. Two buildings—one 1-st. brick; one outside stairway; hand power. Estab. 1860	15		15		•
DUNK, JOHN, mfr. tanks, casks and jobbing work. 1016 Sherman S'reet. One 2-st. frame building; one boiler; one engine, 15 horse power. Estab. 1888	5		5		
DUTCHER, J. A. & P. E., CO., mfrs. wrought fron and steel castings. 670 Kinnickinnic Avenue. Five buildings—one 4-st. brick; four 1-st. brick; one boller: one engine. 50 horse power. Estab. 1888	15		15	··· ···	•••••
DYER SADDLERY CO., mfrs., importers and dealers in saddlery and hardware. 321 to 323 East Water Street. One 4st. brick building; one fire escape; hand power. Estab. 1847	10		10		
EAGLE COFFEE AND SPICE MILL. (Sanders & Verplank, proprietors. 395 to 340 Fourth Street. One 3 st. brick building; one bolier; one engine, 20 horse power. Estab. 1878	6	2	8		
EAGLE FLOURING MILL, John B A. Kern & Son, proprietors. Commerce Street. One 6 st and one 1-st. brick building; three iron fire escapes; four boilers; two engines, 800 horse power. Estab. 1846.  Mill is equipped througnout with automatic water sprinklers and fire alarms. Capacity of mill is 2,000 bbls. every 24 hours.	54		54	••••	••••
EAGLE HORSE SHOE CO. South Milwaukee. Two 1-st. frame buildings; three boilers; two engines, 160 horse power  Ordered fly wheels and crank of two engines guarded, also to guard pulley of train roller, and gears of bending machines. Note.—This concern moved here from New York.	εo		€0	<b>\$</b> 8,000	
EAGLE LYE WORKS, L. Mayers, prop. mfr. lye and potash. 28 to 32 Eric Street. One 3 st. and †asement brick; one fire escape; one boiler; one engine, 10 horse power. Estab. 1874.  Ordered fly wheel of engine guarded.	6	19	18	800	
EAGLE MANUFACTURING CO., THE, mfs. furniture. 622 to 624 Poplar Street Three buildings-one 2 tt. frame; one 1st. brick; one 1st. frame; one boiler; one engine, 30 horse power. Estab. 1887	18		18		
ELMORE, R. P., CO., THE, coal merchants. Yar's 516 River Street, and et foot of dixteenth Street; office corner East Water and Wisconsin Streets; three boilers; two engines, 180 horse power. Estab. 1886.	eo		60		
ENGER, KRE'S CO., THE, mfrs. purses, ladies' satchels and pocket books. North Milwaukes. Two buildings—one 8-st. frame; one boiler; one engine, 25 horse power. Estab. 1886	53	30	88	14,000	\$8,000
ENTERPRISE BOX & LUMBER CO., mfrs. packing boxes. Muskego Avenue and Canal Street. Four					

Establishments Inspected.		NUMBER OF EMPLOYES		Cost of new building improvements.	of new binery.
	Malo.	Fem.	Total	Coat build prov	Cost o
buildings—two 2-st frame; two 1 st brick; two boilers; one engine, 250 horse power. Estab. 1865 Ordered fly wheel in engine room guarded, and one boy under 14 years discharged.	58		58	\$3, 500	\$1,500
ESCH, JOHN, & SON, mfrs. trucks and transfer wagons. 58 to 60 Second Street. Two buildings—one 5st frame; one 2-st. addition; haud power. Estab. 1846	7		7	· • • • • • • • • • • • • • • • • • • •	
ETTENHEIM & FROELICH, wholesale tobacconists.  322 East Water Street. One 2-st. brick building; hand power Ordered two girls under 14 years discharged.	2	22	24	••••	
EVENING WISCONSIN CO., THE, printing and pub- lishing. Cor. Milwaukee and Michigan Streets. One 4-st. and basement brick building; one fire escape; two boilers; three engines, 115 horse power. Estab. 1847	138	19	150	••••	7,000
EVERLY, J. M., printer. 298 Broadway. On first floor of 3 st brick building; one boiler; one engine, 4 horse power. Estab. 1884	11	·· ··	11		·••• •••
EXCELSIOR LAUNDRY, 501 Cedar Street. One 2-st. and basement frame building; one boiler; one engine, 9 horse power. E-tab. 1878	1	10	11	··· ••·	•••••
EXCELSIOR PUBLISHING CO., publish "Milwaukee Excelsior" and "La Crosse Patriot." 56 Mason Street. On third floor of 8-st. brick building; hand power. Estab. 1883  Note —Printing is done at "Germania" office.	9		9		•••••
FAIST, KRAUS & CO. (Duluth Roller Mills), mfrs flour and feed. 70 to 80 South Water Streets. Four buildings—two b-st. frame; two 1-st. frame; one 1-st brick; one fire scape; five boilers; two engines, 420 horse power. Estab. 1876	55		55	••••	25, 000
FALK, H. H., MANUFACTURING CO, die forging aud blacksmithing. Pierce Street (western city lim- its). One 1-st brick building; one boiler; one engine, 22 horse power. Estab. 1894	12		12		2, 000
FERGE & KEIPPER CO., mfrs. exterior and interior wood work. 587 to 529 Park Street. Four buildings—one 3-st. brick; two 1-st. 1rame; one 1-st. brick; one fire escape; two builers; one engine, 100 horse power. Estab. 1684  Ordered one boy of 18 years discharged Accident.—A boy of 14 years had his hand badly cut on a circular saw.	90		90	2,500	••••••
FERNEKES, J., CO, mfrs. confectionery. 348 East Water Street. One 1-st. brick building, hand power. Estab. 1867.  Ordered one fire escape erected and one boy and one girl under 14 years discharged. Note — A fire in October, 1894, d-stroyed plant; loss on stock, \$12,00; on building, \$2,000.	15	20	85		******
FETTE & MEYER, coal and wood merchants. 518 River Street. Two 1-st. frame buildings; one boiler; one engine, 10 horse power. Estab. 1886	13		18		•••••

Establishments Inspected.	Number of Employes.		of new ling im- ementa	of new hinery.	
r.	Male.	Fem.	Total	()ost of n building provemen	S S S S S S S S S S S S S S S S S S S
FIELD, J. E., PATIERN WORKS. THE. 258 to 250 Lake Street. On second floor of 2 st. brick building; 5 horse power furnished by Lutter & Gies. Estab. 1892.	10		10		\$1,500
FILER & STOWELL CO., THE, mfrs. steam engines, flour and saw milt machinery. Becher and Ziemer Streets. Six buildings—one 4-st. brick; one 3-st. brick; three 1-st. brick; one 1-st. frame; two boilers; one engine, 200 horse power. Eatab 1867 Ordered alarm bell connections provided between engineers and operatives rooms. Accident. —A man perating a lathe, was caught by a set screw, tearing the flesh from his hand.	800	••••	200	<b>\$26,0</b> 00	30,000
FINCH & PFEIFFER, machin'sts. 319-251 Lake Street. On first floor of 3-st. brick building; one boiler; one engine, 10 horse power. Estab. 1891	8	•••	8	8,000	
FINKNER, H., mfr. wagons and blacksmithing. 45 Second Street. one 2 st. brick building; hand power. Estab. 1883	5	••••	5		
FISCHBECK, D., & SON mfrs. saddlery. 82 to 84 West Water Street. One 4-st. brick building; one fire es- cape; one, as engine, 10 horse power. E-stab 1864 Note.—Since inspection firm has gone out of business.	75	43	118		
FIXTER, JOSEPH, mfr. copperage. Cor. Second and Cherry S reets. Two buildings—one 2-st. frame; one 1-st. frame; hand power. Estab. 1857	78		78		
FLINT, J. G. Jr., mfr. cut tobacco. 114 to 116 West Water Street. One 4-st. brick building; one boiler; one engine, 40 horse power. Estab. 1870	85	15	50		
FLINT, J. G. (Star Coffee and Spice Mills). 110 to 113 West Water Street. One 4-t brick bu lding; one boiler; one engine, 50 horse power. Estab. 1853 Condemned elevator cable.	21		21	•••••	
FRANK, L., & SON, PACKING CO, packers and job- bers of provisions 644 to 650 Market Street. Two buildings—one 8-st. brick; one 2 st. brick; two boilers; one engine, 70 horse power. Estab, 1860	50		50		15,000
FREIDENKER PUBLISHING CO. 470 East Water Street. One 4-st. brick building. Estab. 1871	8		8		
FRIMDLANDER, M, mfr. woolen mittens 481 Chest- nut Street. One 3-st. brick building; one fire escape; one dy namo engine, 3 horse power. Estab. 1888 Condemned fire escape and ordered a new one erected on front of building		95	95		700
FRIEND BROS. CLOTHING CO. 358 to 364 Broadway. One 5-st. brick building; two iron fire escapes; one boiler; one engine, 6 horse power. Estab. 1847. Note.—Tailoring is done by shop tailors at home, several hundred being employed. A fire in March, 1894, damsged stock to the extent of \$39,884, and building about \$1,000.	64	4	68		•••••
FROEDTERT BROS. GRAIN AND MALTING CO. Cor. Seventh and Cherry Streets. Three building a one 4-st. brick; one 3-st. brick; one 1-st. frame; one boiler; one engine, 20 horse power, Estab. 1885	7		7		

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Establishments Inspected.	E	UMBER MPLOYI	of es.	f ner	P P P P P P P P P P P P P P P P P P P
	Male.	Fem.	Total	Cost of new building im- provements.	Oper of machine
FULLER-WARREN CO, THE, mfrs. stoves, ranges and furnaces. Cor. Wright and Thirty-s-cond Street. Seven buildings—one 3-st. brick; three 1-st. brick; three 1-st. brick; three 1-st. frame; two boilers; one engine, 250 horse power. Estab. 1890.  Orderefalarm bell connections provided between engineers' and operating rooms. Accident.—A man was caught on shaft and instantly killed, in mill department, he tried to sew an overhead belt while standing on a ladder, his blouse was caught between the belt and shafting winding him around shaft, resulting in his death.	500	<b>ર</b>	\$03		\$1,500
GALLAND-HENNING PNEUMATIC MALTING DRUM MFG. CO., THE. Corner South Water and Virginia Streets. Office, 80 South Water Street. One 1-st. frame building; one engine, 15 horse power; furnished by The Kraus-Merkel Malting Co. Estab. 1890 . Accident.—A workman had his big toe crushed under malting drum.	65		65		1,200
GALLUN, A. F. & SON (Empire Tannery). 975 to 1031 North Water Street. Nine buildings-three 8.st. brick; one 8.st. frame; two 2.st. brick; two 1.st. brick; one 1.st. frame; one fire escape; eight boilers; two engines; 250 horse power. Estab. 1876.  Ordered a girl under 14 years d'scharged. Acci dent —A workman had his arm badly crushed in gears of bark cutter.	270	12	282	\$300,00	10,000
GALLUN, HENRY, mfr. harness and wax leather 498 to 505 Commerce Street. Three buildings—one 2 st. and basement brick; one 2-st. and basement frame; one 1-st frame; three bollers; one engine, 45 horse power. Estab. 1873.	21		21	500	
GEM HAMMOCK AND FLY-NET CO. 184 to 188 Hanover Street. One 5-st. and basement brick building; one fire e-cape; one boiler; one engine, 40 horse power. Estab. 1888.  December 25th, 1992, plant was destroyed by fire, estimated loss about \$67,000. Note.—Firm employ about 150 persons who work at home.	23	100	125	23,600	6, 300
GEM MILLING CO., mfrs. flour. North Water and Krapp Streets. Three buildings—one 4.t. frame; one 3-st. frame; one 1-st. brick; three boilers; one engine, 300 horse power. Estab 1881  Ordered a arm bell communications provided. Note.—None regularly employed on upper floors.	14		14		·····
GEORGE & HEYER, mfrs. parlor goods and lounges.  14 West Water Street. One 4 st. brick building; one fire escape; hand power. Estab. 18.9 Ordered steps placed on stairways leading to third and fourth floors.	55		55		
GERLACH, WM. & CO, mais'ers. Corner Eighth and Prairie Streets. Eight buildings—ore5-st frame; one one 4 st. frame; two 4-st. brick; one 2-st. brick; two two 1 st. brick; one 1-st frame; two fire escapes and bridge; four boilers; one engine, 125 horse power. Estab. 1848	82		88	·	
GERMANIA PUBLISHING CO, German daily and weekly new spaper. 286 to 288 West Water Street One 4-st. and basement brick building; one iron firescape; two boilers; one engine, 80 horse power. Estab. 1864 Ordered two boys under 14 years discharged.	80	<b>326</b>	106		·····•
GETTLEMAN, A., BREWING CO. State Street (western city limits.) Ten buildings—one 3-st. stone;			- (		

Establishments Inspected.	N:	Number of Employes.		('ost of new building im- "rovements.	Cost of new machinery.
	Male.	Fem.	Total	Cost build	E CONTROL
one 3-t. brick; one 2-st. brick; one 2-st. frame; three 1-st. brick; three 1-st. frame; four boilers; one angine, 34 horse power. Estab. 1854  Output for 1893 was 37,000 bbls. Note.—None regularly employed on upper floors.	84		84	<b>\$</b> 5,000	
GEUDER & PAESCHKE MFG. CO, mfrs plain and galvanized tin ware goods. Cor. St. Paul Avenue and Fifteenth Street. Four buildings—one 4 st. and basement brick with a 4 st. addition; one 2 st. frame; two 1-st brick: three iron fire escapes; two boilers; one engine, 60 horse power. Estab. 1882	151	69	828	7,000	\$300
GOELZ, JOHN P., & CO., mfrs. cigars. 295 to 299 West Water Street. One 3-st. brick building; one iron fire escape; hand power. Estab. 1869 Note.—At time of inspection men were on strike, they refused to work with non-union men and de- manded an increase in wages, which was granted by the firm.	29	8	84		<b>.</b>
GOERRES, PHILLIPP, BARREL WORKS, mirs. beer barrels. 2819 to 1831 Vliet Street. Two bul d- ings—one 2-st frame; one 1-st frame; hand power. Estab. 1887.	32		88		·•••
GOTTSCHALK BROTHERS, manufacturing clothiers. 248 to 252 West Water Street. On third floor of 4-st. brick building; one fire escape; hand power. Estab.	35	60	85		
GRAF & BAUERLEIN, mfrs. cigars. 417 to 425 Seventh Street. One 3 st. and basement brick bui'd- ing; one boiler for heating; hand power. Estab. 1839. Condition of plant is very good.	217	188	355	4º,000	· <b>····</b>
GRANT MARBLE CO., mfrs. and wholesale dealers in marble and granite. 51 to 59 Fourth Street. Three buildings—one 5-st brick; two 9 st. brick; two fire escapes; three boilers; one engine, 250 horse power. Estab. 1871	111	1	115		
GREAT WESTERN KNITTING CO., mfrs. hand made worsted hoods, leggings, mittens, etc. 3'0 Broadway. On second and third floors of 3-st. brick building; hand power. E*tab 1881		10	10		
GREDE, GEORGE. & BROTHER, mfrs. carriages, sleight and wagons, 248 to 258 Reed Street. Three buildingstwo-s-st. frame; one 1-st. frame; hand power. Estab. 1884	15		15	•• •••	
GREENSLADE FOUNDRY CO. Architectural iron works. Jackson Street and Corcoran Avenue. One 2-st. and one 1-st. brick building; one boiler; one engine, 50 horse power Estab. 1880.  Accident.—Aworkman had his foot crushed while moul ing kalimus. Note.—The old plant was destroyed by fire October 24, 1887, loss \$10,000. Since rebuilt and in good condition.	40		40	•••••	•••••
GREVE LITHOGRAPHING CO. \$42 to \$46 Broadway. On third flor of 4-t brick building; one fire excape; one motor; 6 horse power. Estab. 1892 Condemned cable of elevator. Note.—King. Fowle & Co., in same building were also no: fied.	17		17		10,000

Establishments Inspected.		NUMBER OF EMPLOYES.		Cost of new building improvements.	of new thery.
	Male.	Fem.	Total	Cost build prove	Cost of machin
GROSS, FRED C., BROS. CO., THE, staughterers and wholesale meat dealers. Muskego avenue. Two buildings—one 2st frame; one 1 st. frame; one bolier; one engine, 10 horse power. Estab 18-2	15		15		
GROSS, J., & SONS, coal and wood yard. First Avenue, near slath street bridge One 1-st. building and large coal shed; one boiler; one engine, 40 liorse power. Estab. 1856	25		25		
GROSS, L., wholesale millinery. 382 to 784 Broadway. One 4-st. brick building; one fire escape; hand power. Estab. 1870	9	12	21		. <b></b>
GROSS, LEAPOLD, ESTATE, mfrs. soap. 968 to 969 North Water Street. One ≥at. frame building; two boiler; one engine, 15 horse power. Estab. 1867 Note.—Formerly Gross Brothers.	29	6	85	••••	
GRUHL SASH & DOOR CO. 142 to 148 Stewart Street. Four buildings—one 3-st. frame; two 2-st. frame; one 1-st. b. ick; buildings bridged; two boliers; one engine, 140 horse power. Estab. 1885	45	• • • • • •	45	\$1,000	\$5,00
GUGLER, HY., CO., printers and lithographers. 216 to 280 Thurd street. On first and second floor of River- side Printing Co's. 4-t. brick building; two iron fire escapes, 15 house power. Estab. 1858	32	•••	82	••••	18,00
GUGLER LITHOGRAPHIC CO., THE, 292 East Water Street. One 4-st. and basement brick building; two iron fire escapes; one boiler; one engine, 45 horse power. Estab. 1678	82	6	88	••••	6,5
GUETZKOW BROTHERS CO., mfrs. interior wood work. Canal Street. Three buildings—one 8-st. frame; one 2-st. frame; one 1-st. brick; two bollers; two engines, 180 hors—power. Estab. 1891 Ordered guard pl-ced on opening of elevator shaft; beiting runing sand pap. r machine boxed; and crank of engine guarded.	46	•••••	46	8,030	10,2
GUMZ, R., & CO., slaughterers and wholesale meat dealers. Muskego Avenue. Two 2-st. frame build- ings; three boilers; three engines, 130 horse power, Estab 1870	75		75	••••	
HAASE, CHAS. F., COAL CO., coal and wood yards, 687 to 703 North Water Street. One 2 st. frame building; one boiler; one engine, 10 horse power. Estab. 18:7	15	<b></b>	15		
HACK & ALTEN (Chemical Steam Dye Works). 184 Clinton Street. Three buildings—one 2½ st. frame; two 1-st. frame; one boiler; one engine, 10 horse power. Estab. 1882.	5	2	7	40	ļ ,
HADLEY, R. C., electro and stereotype, engraver, etc. 130 Second Street. Factory on second floor of 8-st. brick building; one bolier; one engine, 7 horse power. Estao 1892	12	<u> </u>	12	<u></u>	,

Establishments Inspected.		Number of Employes.			Oost of new machinery.
	Male.	Fem.	Total	Cost of new hullding im-	Cost
HANNAN, A., & SON, mfr-, wagons and carriages. 96 to 100 Sixth Street. Two buildings—one 2-st. brick; one 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1867	15		15		
HANSEN'S EMPIRE FUR FACTORY, mfr. fur clothing. 373 to 377 East Water Street. One 5st. brick building; one fire e-cape; one gas engine; 4 horse power. Estab. 1582	£5	40	(5		
HANSEN HOP & MALT CO., THE, malsters. South Bay Street (Seventeenth ward). Four buildings one 8 st. brick; two 1 st. brick; one grain elevator; two fire escapes and bridge from elevator to malt house; two boilers; two engines, 250 horse power. Estab. 1866	86		36		••· •••
HARRIS, W. L. & CO., mfrs. clothing. 848 to 850 Broadway. One fist. brick building; hand power. Estab. 1886	12		12	 	
HATCH, CUTLERY CO., mfrs. scissors and shears. South Milwaukee. Two bundings—one 2 st. brick; one 1-st. brick; two boliers; one engine, 150 horse power. Estab. 1892	95	5	100	\$25,000	\$28,000
HATCH, J. B., & CO, mfrs. mattresses and spring beds. 317 Mineral Street. Two bulldings—one 2-st. frame; one 1-st. frame; one boiler; one engine; 50 horse power. Estab. 18'S.	40		40		
HAYS, GEORGE, mfr. packing boxes, extension ladders, etc. 238 to 250 Fourth Street Two buildings—one 2 st. frame; one 1 st. brick; one boiler; one engine; 30 horse power. Estab. 1856	12		18		· · · · · · · · · · · · · · · · · · ·
HECHT & ZUMMACH, m'rs. mixed paint, putty, white kad. etc. 288 to 285 West Water Street. One 4-st brick building; one fire e-cape; one boiler; one engine; 18 horse power. Estab. 1875	14	\ 	14	•••	
HEINL, JOSEPH. & SONS, mfrs. wagons and car- niages. 717 to 727 North water Street. Four build- ings—one 2st brick; two 2st. frame; ne i st. frame one bolter; one engine; 35 horse power. Estab. 1867. Ordered a guard placed on one rip saw.	26		26	1, 200	8,000
HEINEMANN, GEORGE H., mfr. fur coats. Corner Broadway and Huron Streets. One 4-st. brick build- ing; one fire escape; one motor; 2½ horse power- Estab. 18.8		6	24		900
HEIMANN, M., & CO., mfrs artificial flowers and mil- linery. 423 to 429 Broadway. One 4-st brick build- ing; one fire escape; hand power. Estab. 1857	7	91	93		<b>.</b>
HELFAER GLOVE MANUFACTURING CO. 248 to 253 West Water Street. One 4 st. brick building; one fire escape; one motor; 2½ horse power. Estab. 1890	40	85	75	<u> </u>	

Establishments Inspected,	EMPLOY				NUMBER OF EMPLOYES.		of new
	Male.	Fem.	Total	Cost	Cost of		
HELLER, AARONS, & CO, mfrs. clothing. 319 East Water Street. One 4-st. brick building; one fire es- cape; hand power. Estab. 1885 Note.—From 150 to 200 tailors employed by the firm outside the factory.	10		10				
HENES, L., JR., & CO., coal merchants. Canal and Dock Streets. Two 1-st frame buildings; two boilers; one engine, 20 horse power. Estab. 1876	20		20				
HENNECKE, C., & CO., mfrs. wire goods, vases, etc. 162 to 164 West Water Street. One 4-6t. brick building; one fron fire escape; one motor, 2 horse power. Estab. 1865.  Ordered one boy under 14 years discharged. A boy 12 years or age was instantly killed, being caught between the floor and the elevator.	57	8	60	.,			
HENSCHEL, C. B, MANUFACTURING CO., mfrs. cigar boxes. 317 to 321 Mineral Street. One 2-st. frame building; one boiler; one engine, 25 house power. Estab. 1882	86	68	104	·····	 		
HEROLD, DER, German daily and weekly. 431 to 435 Broadway. One 4-t. brick millding; two boilers; one engine, 30 horse power. Estab. 1861 Ordered one fire excape erected.	116	1	117				
HIRSCH BROS, mfrs. agricultural implements. 267 to 271 Reed Street. Four buildings—one 3-st. brick; two 1-st. frame; one 1-st. brick; one boiler; one engine, 10 horse power. Estab. 1880.	15		15	<b></b> .			
HOEGER, J. B., & SONS, mfrs. blank books. 369 to 371 East Water Street. One 4-st. brick building; o e fire escape; hand power. Estab. 1817	8	2	10				
HOFFMANN BROS. CO., mfrs. brass finishings and castings. 418 to 415 East Water Street. One 3-st. brick bull ding; one electric motor; 10 horse power. Estab. 1889	6		6	. <b></b>			
HOFFMAN & BAUER, tin, copper and sheet iron workers. '41 to 146 Clinton Street Two buildings—one 2-st. brick; one 1-st. brick. Estab. 1878	80	<b>.</b>	20	. <b></b>			
HOFFMAN & BILLINGS MANUFACTURING CO.  mfrs *team and gas engines, plumbers' and brewers' supplies, 178 to 270 Becher Street. Seven tuildings— one 7-st. brick; one 3-st. brick; one 2-st frame; three 1-st. brick; one 1-st. frame: two iron fire escapes; two boilers; one engine, 150 horse power. E-stab.  Accident.—A workman h-d his foot burned while casting in the foundry, another was injured by be- ing struck by the elevator. Since my former in- spection a system of suction fans has been put in which gives perfect satisfaction.	863	85	400	\$1,20	<b>\$</b> 25,000		
HOFFMANN & BILLINGS MANUFACTURING CO., 141 to 147 West Water Street. Two tul dings-one 2-st. brick; one 1-st. brick; one boller; one engine, 20 norse power. Estab. 1855	54		54				
BOFFMANN & BILLINGS MANUFACTURING CO, iron and brass founders. 606 to 322 Cedar Street Five buildings—one 2-st. brick; three 1-st. brick; cne 1-st. frame; one boiler; one engine, 75 horse power. Estab. 1893.	48		48	6,000	20,000		

Ton an annual lumpers		Number of Employes.		g im. renta,	Dew lery.
Establishments Inspected.	Male.	Fem.	Total	Cost or new building im- provementa	Cost of new machinery.
HOFFMANN, JOHN & CO, mfrs., sansages, 301 to 507 River street. One 3-st frame and brick; one boiler; one engine, 30 horse power. E-tab. 1876	40		40		
HOUTCAMP & CANNON, printers, 372 to 376 Milwaukee street. On second floor of 4-t. brick building; one fire escape; one boiler; one engine, 10 horse power. Estab. 1857	11		11		····· •.
HUNT. C. M. CO., THE, mfrs. parlor furniture, North Milwaukee. Two buildings—one 3-st. brick; one 1-st. brick; two outside-tairways; two bollers; one engine 250 horse power. Estab. 1881 Ordered fly wheel in engine room guarded, also set screws on main shafting covered.	33	····	85	\$\$35,000	\$30,000
HUSTING, E. L. mfr. we'ss beer and soda water. Cor. Fifth and Vilet streets. Three buildings—one 2 st. brick; two 1-st. frame; hand power. Estab. 1877	15		15	· • • • • • • • • • • • • • • • • • • •	
ILLINOIS LEATHER CO., mfrs. plastering hair. Canal Stroet. Two buildings - one Fat. frame; one lat. brick; one boller; one engine, 25 horse power. Estab. 1806	12	 	12		
ILLINOIS STEEL CO, mfrs. fish plates, steel and iron rait, merchant and bar iron, iron and steel nails, etc. Seventeenth Ward, bay View Station. Thirty-seven buildings—one 2 st. frame; fitteen 1 st. bric ; eleven 1 st. frame; fitty-four buders; nine, een engines, 3,560 horse power. Estab. 18 8  Accidents.—In 1892, in addit in to a number of minor accide its, one man brike his arm, eacl of three workman broke his leg, one was struck on the head by a brick and two had test smashed. In 1892, three men had their faces and bodies burned one fell in white, bit and one was pulled off the rail side by a sliver ca cling in his a iron. In all cases, the firm pud the men a sin of money in heu of wages, also their medical attendance; and, in some cases, they were supplied with groceries and cluthing and were provided with work as soon as able togo back.			1147		
IVERSEN, J. C. CO., mfrs. picture frames and dealers in mouldings, mirrors and mantels. One 4 st. and basement brick building; one motor, 3 horse power. Estab. 1867.  August 6, 1983, a fire caused a loss of about \$106, 000, principally in stock. Note.—Since inspection, firm has reported as doing no business.	85		83	 	
JACOBS, B. A. & SONS, mfrs. barrels. Cor. Nine- teenth Street and St. Paul Ave. Turce buildings— one 3st. frame: one lest. frame; one 1st brick; one buller; one engine, 35 horse power. Estab 1883 Accident.—The foreman broke his seg falling over some obstacle, while superintending building of a new factory.	45		45	14,000	11,000
JALASS, HENRY V. plaining mill and mfr. packing boxes. 1018 to 1024 St. Paul Ave. Two buildings - one z-st frame; one 2 st. brick; one boiler, one engine, 40 horse power. Estab. 1866	5		5		
JEWETT & SHERMAN CO coffee and spice mills and mfrs. baking powder. 189 to 191 Broadway. One 4 at brick building—two fire escapes, one builer, one engine, 40 hor-ep. wer. Estab. 1868	24	13	37		

	N:	MBER MPLOY	OF	now Im-	now sry.
Establishments Inspected.	Male.	Fem.	·	Oost of new building im- provements.	Oost of machine
Earnest A. Smith, dealer in tea and tobacce, employs 2 hands.					
JOHN SON B. J. & CO., mfrs. soap. Cor. Fourth and Fowler Streets. One 5-st. and basement brick building; one fire escape; one boiler; one engine, 50 horse power. Estab 1804	27	9	36	*****	···
JOHNSON ELECTRIC SERVICE CO., mfrs. electric machinery, hea regulating apparatuses, etc. 120 to 122 Sycamore S reet. One 6-st. and resement irick building, one iron fire escape; steam furn-shed by Plankington Hotel; one engine, 40 hotse power. Estab. 1863	75		75	\$10,000	316''000
JOHNSTON-FURLONG CO, THE, confectioners and bakers. 497 to 501 Broadway. One 2-at. brick building; two boilers; one engine, 10 house power. Estab. 1893	22	18	40	1, 200	
JONES. R. L. CO, (Limited), Milwaukee Galvanized Iron Work, mfrs plain and ornamental iron work. 51 to 53 Third Street. One 2-st. and basement brick building; hand power. Estab. 1869	12		12		
JOURNAL CO., THE, printing and publishing. Cor. Michigan and Milwaukee Streets One 7-s', brick building; one fire escape; steam furnished by Muntgomery building; one engine, 42 horse power. Estab. 1883	51	2	58		21,000
JOYS BROTHERS & CO., ship chandlers and sail makers. &6 East Water Streets. One 4-st. b.ick building; one fire escape; one gas engine, 4 horse power. Estab. 1848	12	8	20		
JUNGBLUT JOHN, mfr. tools. 124 Second Street. One 1-st. brick building; one bo.ler; one engine, 12 horse power. Estab. 1869.	5		5		
JUPITER MILLS, B. STERN & SON, mfrs. flour Cor. Cherry and Commerce Streets. Three buildings— one 5-st. brick; one 5 st frame sheet iron veneered; one 1-st. brick; three iron fire escapes; two bollers; one engine, 500 horse power. Estab. 1888	49		49	500	7,000
KALAMAZOO KNITTING CO., mfrs. seamless hosiery, gloves, mittens and lumbermen's supplies. Cor. Fourth and Fowler Streets. One 5-st. and basement brick buildings; two fron fire escapes; two boilers, 45 horse power furnished by Grant, Bresee & Co; Estab. 1882  Ordered five children under 14 years of age discharged.	59	821	878		2,000
KATZENSTEIN E. & CO., mfrs clothing. 338 to 340 East Water Street. One 4-st. and basement brick building; one fire escape; hand power. Estab 1840. Note.—Only cutters are employed in this building, work is given out to shop tailors, who employ about 300 hands.	8		8		
KEMPSMITH MACHINE TOOL CO., mfrs. iron and brass working machinery. Cor. Linus and Wood-	1		ł		

Report of Inspection - Milwaukee, Continued.

Establishments Inspected.	NUMBER OF EMPLOYES.			Oost of new building im- provements.	of new libery.	
	Malo.	Fem.	Total	Control of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the		
ward Streets. One 2-st. and one 1-st. brick building; one boiler; one engine, 40 horse power. Estab. 1888 Accident.—A workman lost part of his thumb on a lathe.	25		25	\$8,000	\$25,000	
KEOGH EDWARD, printer. 386 to 388 Broadway. One 4 st. brick building, occupies second and third floors; one gas engine, 10 horse power. Estab. 1807 Ordered one fire escape erected. E. Mariner, owner of building.	40	3	48		5,000	
KETTER FRED, mfr. beer barrels. 317 Sherman Street. Two buildings-one 2 st. brack; one 1 st. frame; hand power. Estab. 1676.	27		27		·····	
KIECKHEFER BROS., CO. mfrs. galvanized and sheet iron goods, tin wate etc. St. Paul Avenue between Ninth and Tenth Streets. Seven buildings—three 5-st. brick; one 3-st. brick; three 1-st. brick; three fire escapes and buildings briged; two boilers; two engines, 200 horse power. Estab. 1880	424	149	578	50,000	25,000	
KIECKHEFER, ELEVATOR MANUFACTURING CO., mfrs. passenger and freight elevators Cor. Tweifth street and St. Paul Avenue. One 3-st. and one 2-st. brick building; one boiler; one engine, 45 horse power. Estab. 1874	50	·•••	50	16,000	12,000	
KINDLING LOUIS & CO., mfrs. cigars. 290 East Water Street. One 8-st. brick building; hand power. Estab. 1873	30	36	66	· · · · · · · · ·	•••••	
KING, FOWLE & CO., printing, binding and engraving. 342 to 346 Broadway. One 4-st. and basement brick building; one iron fire secape; one bolier; one engine, 24 horse power. Estab 1837 Condemned cable on the elevator. Note.—This building is also occupied by M. Katz Art Prices, Engraving Co., (6 employes); "The 10omacnost," Bohemian weekly newspaper (5 employes). "Young Churchman" weekly paper (4 hands). The printing for these concerns is done by King, Fowle & Co.	43	2	45		2,000	
KIPP BROTHERS, mfrs. mattresses, spring beds, etc. 206 to 250 South Water Street. Three buildings—one 3-st. brick; one 2-st. and basement brick; one 1-st. brick; two fire escapes; two bollers; one engine, 125 horse power. Estab, 1881.	26	14	40			
KIPP B. A. & CO., mfrs upholstered goods. North Milwaukee Four buildings one 4-st. and basement brick; two 1-st. frame; one boiler; hand power. Estab. 1892	84	   	34	45,000	5,000	
Note.—This firm was formerly known as Bub & Kipp, at 317 to 519 Milwaukee Street. Fire.—Oct. 1892 the factory and stock was destroyed by fire, loss \$.0,000.						
KLUG, BACKES & STOLL, brass founders and finishers. bib Cedar Street. One 1-st. frame building; one boiler; one engine, 8 horse power. Estab. 1895	18		13		2,800	
KNAUBER J. LITHOGRAPHING CO., THE. 818 to 322 Cedar Street. One 8-st. and basement brick build- ing; electric motor, 6 horse power. Estab. 1867	45	5	50			

Establishments Ineproted.		NUMBER OF EMPLOYES.		Number of Employee.		NUMBER OF EMPLOYES.		building improvements.	Out of new
	Male.	Fem.	Total	buildi prove	Cont				
KNEBEL A. P., mfr. uphols er goods. 266 to 368 Reed Street One 3-st. brick building, hand power. Estab. 1590	30		80						
KRAUS, F., & CO., grain elevator. Reed Street. Two bui.dings—one 130 feet high elevator; one 1-st. hrick; one fire escape; one bolier; two eugines, 230 horse power. Estab. 1891  Accident.—A workman had his arm broken in a pulley.	24	••••	21	\$3,000 83,000					
KRAUS-MERKEL MALTING CO , South Water Street. Nine buildings—three malt hou-es: one 8-st. brick, one 8-st. brick, one 8-st. brick, one 8-st. brick and 7-st. kiln connected; one 125 feet, one 115 feet and one 90 feet elevator; two 1-st. frame; three fire escapes; e ght voilers; three engines, 400 horse power. Estab. 1831.  Output for 1892 was 1,500,000 bbls.	£0		50	55, 000	\$1 <b>2</b> 3,000				
KRETSCHMAR CO., THE, pork and beef packing. 280 to 233 Lake Street. Three buildings—two 3-st. brick; one 1-st frame; two fire escapes; one boiler; one engine, 40 horse power. Estab. 1852	12		12	•••••					
KUEHN F. BOOT AND SHOE CO. 627 Prairie Street. One 2-st. frame building; one boiler; one engine, 2 horse power. Estab. 1877	35	19	54						
LAMP & MILLER MANUFACTURING CO., THE, mfrs. brass goods for brewers, p umbers and steam fitters. 511 Cedar Street. One 2-st. and basement brick building; one boiler; one engine, 15 horse power. Eatb. 1-69.  Note.—A fire in 1891, caused a loss of \$9,500.	23	<b>.</b>	<b>8</b> 2	•••					
LANGE & LEIHAMMER MANUFACTURING CO., mirs. saloon store and office fixtures. 718 to 720 Poplar Street Four buildings—one 3 st. frame; two 2-st. frame; one 1-st. frame; two outside strirways; one boiler; one engine, 35 horse power. E-tab. 1898 Ordered counter shaft and pulleys of hand and scroll saw, guarded.	25		25	800	1,90				
LANGENBERGER JOHN, mfg. contractor and builder. 819 Wells Street, Three buildings—one 2-st. frame; two 1-st. brick; one,boiler; one engine, 70 horse power. Estab. 1864  Ordered guards placed on two rip saws and alarm bell connections provided between engines and oper- atives	96		25	••••					
LAVERRENZ CHAS, & CO., unfra. paper boxes. 806 to 308 Broadway. Office and factory on second and third fluors of 8-st. brick building; one outside stairway; one boiler; one engine, 10 horse power. Estab. 1850	5	80	85	··· •••	. 60				
LAYTON & CO., p rk and beef packers. Muskego Avenue. Eleven buildings—one 8-st. brick; three 8-st. brick, one 2-st. frame; one 1-st. brick; five 1-st. frame; two boilers; one engine 70 horse power. Estab. 1842.	80	••••	80		 -				
LEIDERSDORF B. & CO, mfrs. cut tobacco. 271 to 299 South Water Street Factory on first and second floor of 4-st. brick building; three boilers; one engine, 125 horse power. Estab. 1858	45	60	123	•••••					

					<b>k</b> .
ESTABLISHMENTS INSPECTED.		Number of Employes.		Oost of new building im- provements.	of new binery.
	Male.	Fem.	Total	Cost of na building is provemen	Cost of machin
LIEBSCHER LOUIS & SONS, maisters. 189 to 193 Sherman Street. Two build/Lgs—one 8-st. brick; one 3-st. frame; one boiler; one engine, 30 horse power. Estab. 1877.	9		9		
LINDEMANN A. J. & HOVERSON CO., mfrs. stoves and sheet metal goods. 193 Hanover Street. One 5-st. brick building; one fire escape; one boiler; one engine, 30 horse power. Estab. 1892	150		150	\$20,000	<b>\$</b> 18,000
LINDEMANN, J. P. & SONS, mfrs tin ware, sheet iron goods, etc. 897 to 901 St. Paul Avenue. One 4 st. frame building; one iron fire escape; one roof escape; one boiler; one engune, 35 horse power. E tab. 187s. This firm requires a certificate from parents in regard to age before giving employment to calidren.	62	27	89	••••••	
LOEFFELHOLZ A. & CO., mfrs. brass furnishing goods, 170 to 174 Clinton Street. Three buildings—one 3-st. brick; one 2 st. brick; one 1-st. brick; one boiler; one engine, 25 horse power. Estab. 1857	45		45		12,000
LOEWENBACH B. & SONS, mfrs. shipping books, binders and printers. 814 to 218 East Water Street. Factory on first and second floors of 4-st. brick building; one fire escape; one boiler; one engine, 15 horse power. Estab. 1874.	18	8	16		
LOGEMANN BROS., machinists. 298 Oregon Street Two 1-st. frame buildings; one boiler; one engine, 12 horse power. Estab. 1884	25		25		•• ••••
LORENZ BROS. MACCARONI CO, mfrs. maccaroni and vermicelli. 800 to 802 Twelfth Street. Two build- ings-one 2-st. frame; one 1 st. frame; one boiler; one engine, 20 horse power. Estab. 1887	8		8	••••	
LUMBERMEN'S PLANING MILL CO., Clermount St. and St. Paul Avenue. Two buildings - one 2-st. frame; one 1-st. brick; two boilers; one engine, 100 horse power. Estab. 1886	35		35	800	1,500
LUTTER & GIES, mfrs. machinery and tools. 258 to 260 Lake street. One 2-st. brick building; one boiler; one engine, 25 horse power. Estab. 1808	25		25	5,000	6,000
MACK H. S. & CO., mfrs. clothing. 341 to 343 East Water Street. One 4-st. brick building; one iron fire escape hand power. Estab. 1849	20		20		
McCULLOUGH & DIXON CO., steam laundry. mfrs. soap. 411 to 415 Viiet Street. One 2-st. brick building; one boiler; one engine, 50 horse power. Estab. 1839	12	24	86	•••••	•••••
MAHLER, ALBENBERG & OO., mfrs. overalis, shirts and pants. 353 East Water Street. One 4-st. brick building; one fire escape; one gas engine, 3 horse power. Estab. 1885.	6	20	26	· . • • • • • •	
MANVILLE COVERING CO., mfr. sheep wool cement covering 235 to 231 Clybourn Street. Two buildings — one 4-st. brick; one 5 st frame; one fire escape; one boiler; one engine, 38 horse power. Estab. 1834 Ordered new cable provided on elevator and bars placed across openings.	15		15		

Betariosnum Beproved.		Number of Employee.			NUMBER OF EMPLOYES.		Number of Employer		f new ng im- menta.	in the second
	Male.	Fem.	Total	Cost of 1 building proveme	Cost					
MARTIN GEORGE, LEATHER CO., tanners and curriers. 588 to 550 Commerce Street. Two buildingsone 4-st. brick; one 1-st. frame; two fire escapes; two boilers; two engines, 142 horse power. E-tab. 1865 Ordered walk placed across tanks in leach house.	90		90							
MATTHEWS BROS. MANUFACTURING CO., mfrs. interior wood work, furniture, etc. Four buildings—one 5 st. brick: one 4-st. brick; one 1-st. brick; one 1-st. frame; two fire escapes; two boilers; one engine; 85 horse power. Estab. 1887.	128		128	••••	\$1,200					
MAX BROS, mfrs. overalls and shirts. 359 East Water Street. One 4-st brick building; hand power. Estab. 1886 Ordered one fire escape erected.	6	19	18							
MAYER F. BOOT & SHOE CO., mfrs. boots and shoes. 166 to 176 Walnut Street. Four Buildings—one 4-st. brick; one 2-st. brick one 2-st frame; one 1-st. brick; Two iron fire escapes; one boiler; two engines, 80 horse power. Estab. 180	168	104	267	\$35,000	5,000					
MAYHEW MANUFACTURING CO, mfrs. chairs. 862 to 890 Thirty-First Street. Four buildings—two 3 st. frame; one 1-st. frame; one 1-st. brick; one boiler; one engine, 75 horse power. Estab. 1886 Ordered two fire escapes erected.	100	15	115	10,000	6,500					
MEINECKE, ADOLPH & SONS, mfra. willow ware, toys and bamboo furniture Mason and Front Streets. Six buildings—one 4-st. brick; two 3-st. brick; two 3-st. frame; one 1-st. brick; twe iron fire *scapes; buildings connected by bridge; one boiler, one engine. 125 horse power. Estab. 1885	179	21	200	1,900						
MIDLAND MAIZEA MILLING CO., mfrs. maizea flour and other corn goods. 420 Commerce Street. Two buildings—one 3 st. brick; one 1-st frame; two boilers; one engine, 75 horse power. Estab. 1889	6		6							
MILBRATH, D. A., mfr. carriages, buggies, etc. 313 to 315 Prairie Street. Two buildings—one 3-st. frame; one 2-st. frame; hand power. Estab. 1885	15		15							
MILLER, FRED BREWING CO., State Street, western city limits. Eleven buildings-one 5-st. brick; two 4-st. brick; one 2-st. frame; six 1-st. frame; one 1-st. brick; one fire escape; four bollers; three engines; two ice machives; 275 horse power. Estab. 1885	120		190	180,000	25,000					
MILLER, H. C. & CO., blank book makers, rulers and printers. 842 to :46 Broadway. Office and shop on second floor of four story brick building; power furnished by King, Fowle & Co. Estab. 1889.  Ordered new cable placed in elevator.	16	27	48	••••						
MILWAUKEE ARC LIGHT CO., electric light and power. 514 to 516 Commerce Street. One 2-st. brick building; one boiler; one engine; seven dynamos 450 horse power. Estab. 1890	5	•••••	5	••••						

Report of Inspection-Milwaukee, Continued.

Establorneous Improved,		Number of Employee.			Out of new machinery.
	Male.	Fem.	Total	Cost of new building improvements.	Cont
MILWAUKEE BAG CO., mfrs. cotton, paper and jute flour sacks. Reed and South Water Streets. One 2-st. frame building; two gas engines, 19 horse power. Estab. 1868  Note.—This plant was destroyed by fire Oct., 1892, loss \$83,000	12 3	88	50	<b>.</b> .	
MILWAUKEE BEDDING CO., mfrs. matresses. 424 Ninth Street. One 2-st. frame building, iron ven- eered; hand power. Estab. 1892	15	5	20		
MILWAUKEE BLANK BOOK MANUFACTURING (O., general b ok binding. 118 to 220 Third Street. Office and shops on third floor of 5-st, brick building; two iron fire escapes; power furnished by the Riverside Printing Co. Estab. 1891	25	85	60		
MILWAUKEE BOILER CO., mfrs. steam boilers, amoke -tacks, lard and cil tanks. Oregon Street be tween Barclay and South Water Streets. Four buildings—three 1-st. brick; one 1-st. frame; two boilers; two engines, 142 horse power. Estab. 1862	125	••••	125		
MILWAUKEE BOX CO., mfrs. packing and shipping boxes. 237 to 248 Oregon Street. Two buildings—one 2-st, frame; one 1-st. brick; one boller; one engine, 50 horse power. Estab. 1878	48		48		
MILWAUKEE BRASS & COPPER WORKS, mfrs. car journal bearings, driving, truck and rod brasses, etc 241 to 253 Greenfield Avenue. Three buildings—two 1-st frame; one 1-st. brick; one boiler; one engine, 37 horse power. Estab. 1887  Accident.—A workman had his face badly burned by hct metal.	60		60	\$3,500	\$1,000
MILWAUKEE BRASS MANUFACTURING CO., mfrs. brass castings and brass goods. 190 East Water Street. One 4-st. brick building; one gas engine, 90 horse power. Estab. 1892	20		20		9,000
MILWAUKEE BREWING CO Eighth Avenue and Clarence Street. Three buildings—one 4 st, brick; two last brick; two boilers; one engine, 90 horse power. Estab. 1898.	· 80		80	52,000	48,000
MILWAUKEE BRIDGE & IRON WORKS, engineers and contractors for bridges and architectural iron work. Seventeenth Street and St. Paul Avenue. Three 1-st. frame buldings; two boilers; two engines, 56 horse power. Estab. 1897	75		75		800
MILWAUKEE BUGGY CO., mfrs. carriages and buggies. City limits. Western Avenue and Chestnut Street. Two buildings—one 5-st. brick; one 1-st. brick; two boilers; one engine, 85 horse power. Estab. 1885 Ordered guard placed around fly wheel of engine, also guards placed at elevator openings on first floor and a fire escape erected on east front of building.	27	1	28	••••	•••••
MILWAUKEE CASKET CO., mfrs. wood coffins and cloth caskets. Cor. Fifteenth Street and St. Paul Avenue. Two buildings—one4 st. frame iron veneer; one i-st. brick; one iron fire escape; one boller: one					

Establishments Inspected.	NUMBER OF EMPLOYES.		Ea			Oost of new building im- provements.	of new binery
	Male.	Fem.	Total	Cost of building provem	Cost		
engine, 50 horse power; automatic sprinklers on each floor. Estab. 1875	48	8	56				
MILWAUKEE CEMENT CO. (Plant No. 1.) Town of Milwaukee. Four buildings—one 3st. frame; one 2st. frame; two 1-st. frame; two boilers; two engines, 800 horse power. Estab. 1875	70		70				
MILWAUKEE CEMENT CO. (Plant No. 2.) Town of Milwaukee. Five buildings—one 3-st. frame; four 1-st. frame; two boilers; four engines, 500 horse power. Estab. 1887	150		160		··		
MILWAUKEE CHAIR CO., mfrs. fine chairs. Thir tieth and Center Streets. Five buildings—one 3 st. brick; one 2-st. brick; three 1-st brick; two boilers; one engine, 125 horse power. Estab. 1877  The old plant on Broadway was destroyed by fire Oct. 28th, 1892; loss \$120,000.	50		50	<b>\$</b> 75, 000	\$30,00		
MILWAUKEE CHEMICAL WORKS, mfrs. chemicsis, Pierce Street, western city limits Four buildings— three 1-st. frame; one 1-st. brick; two boilers; two engines; 37 horse power. Estab. 1893	15		15	11, <b>686</b>	6,00		
MILWAUKEE DRY DOCK CO., ship builders. Foot of Washington Street. Ten buildings—Six 2 st. frame; four l.st. frame; 10sr boilers; six engines; 195 horse power. Estab. 1866.	140		140	·····			
MILWAUKEE DRY DOCK CO. (West yard). Caual Street. Two 2 st. frame buildings; two boilers; three engines; 300 horse power. Estab. 1874	90		90				
MILWAUKEE ELECTRIC RY. CO., Commerce Street. foot of Poplar Street On-2-st stone building: two bollers; one engine; three dynamos; 525 horse power. Estab. 1690	6		6				
MILWAUKEE ELECTRIC PLATING WORKS, 249 to 251 Clipton Street. One 3-st. frame building; power furnished by C. J. Smith & Sons. Estab 1891	14		14	· • • • • • • • • • • • • • • • • • • •	2,00		
MILWAUKEE FURNITURE CO., mfrs. furniture. Fifteenth Street and St. Paul Avenue. Five buildings—three 3 st. brick; one 1-st. frame; one boiler; one engine; 75 horse power. Estab. 1880.  Ordered two rip saws guarded, also set screws covered. Accident.—One man cut his finger on shaper.	65		63	•••••	 		
MILWAUKEE GAS LIGHT CO., Jefferson and Menomonee Street. Nine buildings—four 2-st. brick; three 1-st. brick; one 1-st. iron; one 1-st. frame; twelve bollers; twenty-two engines; 365 horse power. Estab. 1852  Note.—In Oct., 1892, the firm sustained a loss of \$20,000 by fire.	125		125	175, 000			
filWAUKEE GAS STOVE CO., mfrs. gas stoves and ranges. 15 to 17 Eric Street. One 4-st brick; one fire escape; one engine, 15 horse power; steam furnished by Reliance Wire Works. Estab. 1884	40	1	41		2,80		
MILWAUKEE TELEGRAPH, THE, publishers. Cor. Milwaukee and Michigan Streets. On third floor of Evening Wisconsin building; one fire escape. Estab. 1878.	4	1	5				

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Establishments Inspected.	Male.	Fem.	Total	Cost of new building im- provements.	Cost of new machinery.
MILWAUKEE VARIETY IRON WORKS, bridge building and contracting. Cor. Seventeenth and St. Paul Avenue. Three 1-st. frame buildings; one boller; one engine; 50 horre power. Extab. 1922 Ordered fly wheel in engine room guarded.	22		25	87,000	<b>\$</b> 5,000
MILWAUKEE WIRE AND IRON WORKS, mfrs. all kinds of wire goods. 122 to 124 Sycamore Street. One 8-st brick building; one fire escape; one boller; one engine, 7 horse power. Estab. 1890	18	····	18		. 800
MILWAUKEE WOOD MANUFACTURING CO, mfrs. wagon a d sleigh word work. 1819 St. Paul Avenue. One 2-st. frame building; one boiler; one engine, 30 horse power. E-tab. 1891	8		8		
MILWAUKEE WORSTED CLOTH CO., mfrs. fine worsted cloth. Thirty-second and Galena Streets. Three buildings—one 2 st. bick; two 1-st. brick; two boilers; two engines, 100 horse power. Estab. 1891 Ordered guard piaced around fly wheel in engine room.	21	8	29		•••••
MILWAUKEE WORSTED MILLS, mirs. worsted and woolen yars. Oakland Avenue, Park Place. Four buildings- two 2-st. brick; two 1-st. brick; three boilers; one engine, 125 horse power. E-tab. 1888 Ordered three girls under 14 years discharged.	78	163	286	••••	
MOLITOR, H., mfr. paper boxes. 314 to 316 East Water Street. Factory on third and fourth floors of 4 st. brick building; two iron fire escapes; one boller; one engine, 2 horse power. Estab. 1876	4	21	25		
MOODY & MECKLENBURG CO., mfrs. sash, doors, blinds and mouldings. Seventh 5 treet and National Avenue. Five buildings—one 8 st. brick; one 2-st. brick; one 1-st. brick; two 1-st. frame; two outside stairways; two boilers; one engine, 75 horse power. Estab. 1869 Ordered boy under 12 years and one boy under 14 years discharged.	60	<b></b>	EO		
MILWAUKEE MIRROR AND ART GLASS WORKS, mfrs. nurrors, plates, bevelers of plate glass, cut, embossed and ornamental glass. 208 to 207 Broadwar. One 3 st. brick building; one gas engine, 10 horse power. Estab. 1887	85	 ]	85		
MILWAUKEE PACKING CO., beef and pork packers 114 to 116 Sycamore Street. One 2-st. brick building; hand power, Estab. 1872	7		7		·•···
MILWAUKEE PALMING CO., mfrs. mitten palms and leather mittens. 425 Clybourn Street. One 2-st. brick building; one boiler; one engine, 4 horse power Estab. 1888	10	20	30	1,000	1,200
MILWAUKEE PARLOR FRAME CO., 316 East Water Street. One 4 st. brick building; one fire escape; one boiler; one engine, 20 horse power. Estab. 1879.	80		80	25,000	5,000
MILWAUKEE PARLOR FURNITURE CO., mfrs. upholstered rurniture. 228 West Water Street. One 4-st. brick building; hand power. Estab. 1891 Ordered one fire escape erected.	25		25		····•••
MILWAUKEE SASH WEIGHT CO., THE, mfrs. sash weights, elevator weights, bed weights, etc. St.	1				

Report of Inspection-Milwaukee, Continued.

Retablishments Inspected.	N E	Number of Employes.		ost of new uilding im- rovements.	of new
	Male.	Fem.	Total	ost plini	Cost of particular
Paul Avenue. One 1-st. frame building; one boiler; one engine, 25 horse power. Estab. 1892	80		80	\$8,970	\$5,800
MILWAUKEE STREET RAILWAY CO., electric light and power house. Cor. Oneida and River Streets, One 4-st. and basement brick building; two fire escapes; eighteen boliers; eleven engines, 4,925 horse power. Estab. 1830  This plant furnishes power for 97 miles of electric street railway. All engines and dynamos are driven direct, no belting is used. Six engines developing 3,600 horse power are used for the street railway and five engines running ten dynamos for electric lighting, with a capacity of 10,000 in andescent lights. The total cost of the plant is estimated to be over \$1,000,000.	70		70		200,600
MILWAUKEE HARVESTER CO., Park Street, between Twelfth and Fifteenth Stress Eight uildings—two 4-st. brick; five 3-st brick; one 2-st. frame; one 2-st. iron; four 1-st. brick; five 1-st. frame; one fire-escape; one outside stairway and buildings bridged; four bollers; two engines; 200 horse power. Estab. 1881  Ordered counter shafting and pulleys of planer boxed and elevator well on ground floor gnarded. Accidents.—A workman was killed by shelving failing on him while moving same; two workmen were injured by being struck by flying pieces from a bursted emery wheel.	500		500		•••••
MILWAUKEE HAY TOOL CO., mfrs. hay tools and farm impliments. Park Street and Eigeth Avenue. Two buildings—one 2 st. brick; one 1 st. trame; one boiler; one engine, 20 horse power. Estab. 1888	22		22		•••••
MILWAUKEE LINSEED OIL CO., mfrs. old process linseed oil and oil cakes. Barciay and Florida Streets. Four buildings—one 2st. brick; two 1-st. brick; one 4-st. frame elevator; two boilers; one engine; 100 horse power. Estab. 1875	25		25		•••••
MILWAUKEE LITHOGRAPHING AND ENGRAVING CO., 217 to 219 Third Street. One 4-st. brick building; two iron fire escapes; two boilers; one engine, 96 horse power. Estab. 1852	109	1	110		•••••
MILWAUKEE MALT AND GRAIN CO Plant D. maisters. 876 to 380 Flith Street. Three buildings—one 7-st. brick; one 5 st. brick: one 4-st. brick; one fron fire e-cape; two boilers; two engines; 115 horse power. Estab. 1874	17		17		••••
MILWAUKEE MALT AND GRAIN CO, maitsters. Florida Street. Eight buildings—one hast brick; one 6-st. brick; three grain elevators; one 1 st. brick; one 1-st. frame; three fire escapes and walk connecting malt house and elevators A & C; two boilers; one en- gine, 212 horse power. Estab. 1876  Accident — A workman broke his arm by falling down stairs.	80		80	125,000	25,000
MOORE MANUFACTURING AND FOUNDRY CO., mfrs. hardware, h listing engines and drums. door hangers, etc. St. Puul Avenue between Eighteenth and Nineteenth Streets. Seven buildings—one 2-st. and attic frame; three 2-st. frame; three 1-st. frame; two bollers; one engine, 70 horse power. Estab. 1888	225		225		
UELLER, GEO., & SON, mfrs. cigar and packing boxes. 427 to 429 Canal Street. Three buildings—	243		<b>280</b>		•••••

Report of Inspection-Milwaukee, Continued.

		NUMBER OF EMPLOYES.			NUMBER OF EMPLOYES.		De in	
Retarlishments Inspected.	Male.		<del></del>	Cost of new building im- provements.	Cost of new machinery.			
one 8 st. frame; one 1 st. frame; one 1 st. brick; one iron fire escape; one outside stairway; three boilers; one engine, 125 horse power. Estab. 1872	92	28	115	\$18,000	\$20,000			
MUELLER, JOHN L., mfr. wagons. 414 Fourth Street. Two buildings—one 2-st. frame; one 1-st. frame; hand power. Estab. 1862	5		5					
MUNKWITZ, E. H., machine, tool and pattern shop. 197 to 201 East Water Street. One 2-st. frame building; one boiler; one engine, 25 horse power. Estab. 1890.	14		14					
NATIONAL DISTILLING CO. Foot of Twenty-seventh Street, Menomonee Valley. Eight buildings—one 4 st. frame; one 80 ft. high grain elevator, iron veneered; one 3 st. brick; one 3 st. stone; three 1-st. frame; one 1-st. brick and several sheds; one wooden stairway escape; seven boilers; three engines, 200 horse power. Estab. 1883	27		977	<b>3</b> 2, 000	18,000			
NATIONAL ENVELOPE CO. 811 to 815 Broadway. One 2 st. and basement brick building; one boiler; one engine, 80 horse power. Estab. 1598	15	10	25		90,000			
NATIONAL KNITTING CO., mfrs. knlt goods. 899 to 905 Clinton Street. Five buildings—one 3-st. and basement brick with a 3-st. addition; one 2-st. brick; one 2-st. frame; one 1-st. brick; two main stairways; one tower-escape; buildings bridged; two boilers; two engines, 100 horse power. Estab. 1885	130	250	<b>3</b> 80	16,000	7,000 ·			
NEUBERT, F. T. SHOE CO. Thirtieth Street and North Avenue. Two buildings—one 8-st. frame; one 1-st. brick; one boiler; one engine, 35 horse power. Estab. 1877	87	17	54	8,500	12,000			
NEWS PUBLISHING CO., printing and publishing.  199 West Water Street. One 2 st. and basement brick building; one boiler; one engine, 12 horse power.  Estab. 1886	28		28					
NIEDECKEN, H. CO., mfrs. blank books. 834 to 836 East Water Street One 7-st. brick building; one motor, 25 horse power. Estab, 1847 Ordered one fire es-ape erected. H. H. Button, estate owners of building.	88	9	42		800			
NIEMANN, HENRY & CO., mfrs. lubricating oils.  Muskego Avenue. Two 1-st. frame buildings; one boiler; one engine, 12 horse power. Estab. 1876	11		11					
NORDBERG MANUFACTURING CO., mfrs. engines, pumping machinery, friction clutches, clutch pulleys, etc. 480 to 486 Virginis Street. Three buildings—one 8-st. brick; two 1-st. additions; one boiler; one engine, 125 horse power. Estab. 1884	110		1:0		35,000			

Retablishments Inspected.			Pem. Total		NUMBER OF EMPLOYES.		NUMBER OF EMPLOYES.		of new datery.
	Male.	Fem.	Total	Cost of n building i provemen	O II				
NORTHWESTERN CARRIAGE AND SLEIGH CO. 1031 to 1039 St. Paul Avenue. Six buildings—three 4-st. frame; one 3-st frame; one 2-st. frame; one 1-st. brick; six wooden fire escapes; three boilers; one engine, 103 horse power. Estab. 1881.  Accident.—A young man lost four fingers on a variety saw. Note.—The company owned two plants; plant A was destroyed by fire May 28th, 1892; loss, \$16,000.	<b>F</b> 0	2	832						
NORTHWESTERN FURNITURE CO., mfrs. office desks, saloon fixtures, etc. 737 to 743 North Water Street. Three buildings—one 4-st. frame, iron venered; one 1-st. frame; one 1-st. brick; one wooden ladder escape; two boilers; two engines, 112 horse power. Estab. 1831	100	·····	100		••••••				
NORTHWESTERN WALLEABLE IRON CO. Park Street between Thirteeath and Fourteenth Avenues. Ten buildings—one 2-st. frame; two 1-st. br.ck; seven 1-st. frame; three boilers; one engine, 75 horse power. Estab. 1882 Output from July, 1892, to July, 1893, was 4,810 tons castings.	350		850	\$8,000					
NORTHWESTERN MARINE ELEVATORS, grain storage. South Water Street, foot of Florida Street. Main office 70 to 72 West Water Street. Three grain elevators and one 1-st. brick; elevators bridged; two bollers; one engine, 36 horse power. Estab. 1868	5		5						
NORTHWESTERN PEARL BARLEY MILL, (J. J. De Vos), mir. barley and f.ed. 461 to 408 fifth Street. Two buildings-one 2-st. and basement frame; one 1 st. frame; one boiler; one engine, 45 horse power. Estab. 1876	5		5						
NORTHWESTERN STEAM BOILER WORKS, (D. Costello). 1028 to 1034 St. Paul Avenue. Two 1-st. frame ouildings—; hand power. Estab. 1892	30	ļ.:	20	 					
NORTHWESTERN STRAW WORKS, mfrs. ladies' and childrens' hats. 628 Reed Street. Kive buildings—one 4-st. and basement brick; one 3-st brick; one 8-st. frame; two 1-st brick; buildings bridged; four boilers; one engine, 128 horse power. E-tab. 1875  The means of escape and general condition of plant are very good.		800	400		;				
NUT AND WASHER MANUFACTURING CO., mfrs. washers, fellow plates, etc. Cor. Reynolds and Wilcox Streets. Three buildings—one 2-st. frame; two 1-st. additions; two bollers; one engine. Estab. 1886	1		. 30	6,00	0 \$10,00				
OBENBERGER, JOS., shipsmith and forging. 123 Barclay Street. One 1-st. brick building; one boiler; one engine, 20 horse power. Estab. 1878	6		6		<u> </u>				
OBERMANN, J., BREWING CO. Cor. Fifth and Cherry Streets. Six buildings—one 4 st. brick; two 3-st. brick; three 2-st. brick; one 1-st, brick; three engines, 103 horse power, Estab. 1854	45		45	15,00	o				
OGDEN G. W. & CO., mfrs. carriages. 172 to 176 Third Street. One 4-st brick building; two fire escapes; hand power. Estab. 1848	15		15		<u> </u>				

Retablishments Inspected.	Number of Employes.			Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Coet build	Coert
OLDENBURG, CHAS., FURNITURE CO., mfrs. parlor formiture and wire matrises. 5/3 to 8/7 North Water Street. Two buildings—one 5-st. brick; o e 1-st. brick; one fire escape; two boilers; one engine, 125 horse power. Estab. 1879	75	8	78		 
PABST BREWING CO. Chestnut and Ninth Streets. Thirty-three buildings—one 9-st. brick; two 6+t. brick; one 5-st. brick; five 4-st. brick; nine 8 st. brick; four 2-st. brick; seven 1-st. brick; three frame clevators. iron veneered; one brick elevator; nineteen freescapes; buildings bridged; twenty-seven boilers; eleven engines; 2.715 horse power. Estab. 1842  **Accidents.**—A workman engaged in cleaning the boiler house was killed, being pressed against a partition by the piston rud of a st an power pump. Another workman white removing old shalting in mat house broke his leg, being caught in a rope.	689	g.	689	\$225, 200	\$246,800
Note—This company carries an insurance for the benefit of its employes, the members are assessed from \$5 to 40 cents per month, according to their earnings and the company pays a like amount, in case of death the family receives one half the amount of yearly wages and all inneral expenses are paid. In case of injury the family receives one helf the smount of wages and all expenses while employe is unable to work. In no case, however, do they receive a benefit longer than 52 weeks. This establishment is said to be the largest and most complete brewery in the world. The enterprising spirit of the firm may be judged by the fact that during the last four years over \$80,000 has been expended for building improvements and machinery. New improvements are constantly in progress. This company manufactures its own ice by means of six ice machines with a capacity of 900 tons per day, the same are driven by six engines of 1,1% horse power. The output for 1893 was 1,084,051 bbls. Capacity, 2,000,000 obbs.					
PABST BREWING CO. Pierce Street, western city limits. One 2 st. frame building; hand power. Estab. 1880.	15		15		
PABST BREWING CO., bottling department Chestnut and Ninth Streets. One 2-st. and basement brick building; two boilers; one engine; 80 horse power. Estab. 1881	284	824	608		
PAINE BROS., merchant millers. Canal Street. Two buildings one 2-st, frame; one 1-st frame; one boiler; one engine; 10 borse power. Estab. 1888  **Accident.**—A workman unloading a car was caught by the rope on a steam shovel, injuring his foot so severely that it had to be amputated.	18	• • • • •	18		
PALACE STEAM LAUNDRY, 234 to 236 Reed Street. One 2-st. brick building; one boiler; one engine; 30 horse power. Estab. 1887	6	28	34	••••	
PANTKE E. R. & CO., mfrs. hats, caps and ladies' fur goods. 334 East Water Street. One 8-st. brick building; hand power. Estab. 1857	7	15	22		

Espandencepts Inspected.	N:	Number of Employes.		Number of Employee.		IMBER OF MPLOYES.		t of new Iding im-	of Bew
	Male.	Fem.	Total	A SEC	08				
PATTON JAMES E. CO., mfrs. white lead, zinc colors and putty. Corner Lake and Barclay Streets. Three buildings - one 3 st. brick; one 1-st. brick; one 1-st. frame; two boilers; one engine; 60 horse power. Estab. 1855	40		40	·•••					
PAWLING & HARNISCHFEGER, machine, tool and pattern shop. 156 to 168 Clinton Street. Three buildings—one 8-st. brick, one 8-st. frame; one 2 st. frame; one builer; one engine; 45 horse power. Estab. 1884	75	·• ••	75		\$15,700				
PAWLING & HARNISCHFEGER CO. THE, iron founders. Clinton and Oregon Streets, One 1-st. brick building; one boiler; one engine; 28 horse power. Estab. 1892	60		60	\$18,000	18,000				
PFISTER & VOGEL, LEATHER CO., Stewart Street, Tweltth Ward. Seven buildings—two 2 st. brick; one 2 st. frame; two 1-st. brick; two 1 st. frame; four boilers; two engines, 100 horse power. Estab.  Ordered pully and shafting on bark press in boiler room guarded. Accident.—An employe broke his arm by falling from a load of bark.	95		96		· · · · · · · · · · · · · · · · · · ·				
PFISTER & VOGEL LEATHER CO, First Avenue and Oregon Street. Eight buildings—one 6-st. brick; one 5-st. brick; one 5-st. tile; one 4-st. brick; three 3-st. brick; one 2 st. brick; ten fire escapes; six boilers; two engines; two dynamos; one motor; 555 horse power. Estab. 1648	584		534	80,000	10,000				
PFISTER & VOGEL LEATHER CO. Commerce Street, foot of Sherman. Five buildings—one 2-st. frame; four 1-st. frame; two boilers; one engine, 95 horse power. Estab. 1880	54	. <b></b>	54		•				
PFLUGRADT CO., THE, mfrs confectionery. 273 East Water Street One 8-st. brick building; hand power. Estab. 1887 A fire in October, 1892, caused a loss of \$18,000.	20	25	45	••••					
PHILADELPHIA READING COAL AND IRON CO., miners and shippers. Canal Street, west of Mu-kego Avenue. One 1-st. frame; building; four boilers; nine engines, 500 horse power. Estab. 1891	115		115	12,000	60,000				
PHŒNIX KNITTING WORKS, mfrs. knit goods. F6 to 85 Detroit Street. One 3-st. brick building; one									

		Number of Employes.			new hery.
Establishments Inspected.	Male.	Fem.	Total	Cost of new building im- provements.	Cost of machin
fire escape; one gas engine; 7 horse power. Estab. 1885 Ordered one girl under 14 years discharged.	4	181	185		
PHŒNIX SUSPENDER CO., mfrs. web suspenders. 7 to 17 Clybourn Street. One 1-st. brick fullding; one fire escape; one outside stairway; hand power. Estab. 1884.	7	28	80		
PIERRON, LOUIS M., mfr. stoneware. 33 Johnson Street. Five buildings—three 2-st. brick; one 1-st. brick; one 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1885	25		25	••••	
PIETSCH, OTTO. Dye works, 246 West Water Street. Two buildings—one 3-st.brick; one 2 st. brick; one boiler; one engine, 10 horse power. Estab. 1868.	10	5	15	••••	
PIETSCH, HERMANN, coppersmith and brass founder. 619 to 621 Cedar Street. One 1-st. frame building: one bouler: power furnished by Schaefer Shoe Co., 12 borse power. Estab. 1883	10		10		
POLLAK-STRASS-WYLER CO., mfrs. clothing. 345 East Water Street. One 4-st. brick building; hand power. Estab. 1887	6	•••••	6	••••••••••••••••••••••••••••••••••••••	
POPPERT, GEORGE, mfr. sash, doors, patent blinds and stairs. 421 to 425 Poplar Street. Three buildings—one 3-st. frame; one i-st. brick; one l-st. frame; one boiler; one engine. 90 horse power. Estab. 1867.  Accident—A workman received internal injuries, being struck by a counter shaft that was torn down by a drive beit. Note.—A fire August, 1892, caused a loss of \$18,000.	102		108		
PRINZ & RAU MANUFACTURING CO., mfrs. grain cleaning machinery. 659 to 668 East Water Street. Three buildings—one 2-st frame; one 1-st. frame; one 1-st. brick: one boiler; one engine, 75 horse power. Estab. 1888	80		80	\$2,509	\$6,809
QUIN, EDWARD, mfr. blank books. 427 Fast Water Street. One 4-st. brick building; one fire escape; one dynamo, 3 horse power. Estab. 1875	11	6	17		
QUIN, COOK & QUIN, all kinds of engraving, lithographing and electrotyping. 201 to 208 Second Street. (Inspected by Van Etten.) On second and third floor of 8-st. brick building: one electric motor, 6 horse power. Estab. 1884	15		15		5,500
BAUSCHENBERGER, JOHN CO., mfrs. rope, cordage and hair goods. 571 Teutoma Avenue. Five buildings—four 2-st. frame; one 1-st. brick; one boiler; one engine, 25 horse power. Estab. 1864 Ordered a boy of 18 years discharged.	86	••••	86	1,800	6,000
BAZALL, H. G. MANUFACTURING CO., mfrs. blank books. 379 East Water Street. One 4 st. brick building; one motor, 1/2 horse power. Estab. 1873	16	11	27		200
REED BROS., mfrs. shirts. 118 Wisconsin Street. On first floor of 4-st. brick building; one motor, 1 horse power. Estab. 1678		12	12		 

Establishments Inspected.	Number of Sign				P DO
ASTABLIBHEEN'S INSPECTED.	Male.	Fem.	Total	Cost of puliding proveme	Over of mechin
RELIANCE MILLS, C. Manegold & Son, mfrs. flour and feed. 70 to 76 West Water Street. Two build- ings—one 5 st. brick; one 4-st. brick; two fire es- capes; three bollers; one engine, 300 horse power. Estab. 1888 Ordered alarm bell connections extended to each floor.	21		21		
RELIANCE WIRE & IRON WORKS, architectural metal workers in brass, bronze and iron. Two buildings—one 4 st. and basement brick; one 2 st. and basement brick; two boilers; one engine, 40 horse power. Estab 1886	20		20	••····································	83,000
RICE, J. H. & FRIEDMANN CO., mfrs gents' furnishing goods. 339 to 331 East Water Street. One 5-st. brick building with a 4 st. addition; two fire escapes; one motor, 10 horse power, furnished by Electric Power Co. Estab. 1856	30	120	150	·••••	•••••
RICH, A. W., SHOE CO. Cor. Reed and South Water Streets. On third and fourth floors of 4st. brick building: two fron escapes; 45 horse power furnished by Leidersdorf Tobacco Co. Estab. 1867	150	100	250		
RICHTER. F. & SON, foundry and from works. 882 to 900 Sixth Street. Four buildings—two 2-st. frame; two 1-st. frame; one boiler; one engine, 30 horse power. Estab. 1886	70		70	\$1,400	•••••
RICKERS & CO., mfrs. soap. 52 to 60 Third Street. One 4-st. and basement brick building; one fire es- escape; band power. E-tab. 1872	80		90		·• • •••
RIEDEBURG & BODDEN CO., dealers in vinegar and yeast. 194 to 196 East Water Street. One 4-st. brick building; hand power. E-tab 1878. Oct. 28, 1892, buildings, machinery and stock were destroyed by fire, loss amounting to \$100,000. Note.—Since inspection firm has reported as consolidating with the Paul Bechtner Company.	6		6	•••••	
RIEMER, A. H., CO., mfrs. boots and shoes. 22: to 27 Cedar Street On fourth floor of 4-st. brick building; two fire escapes; one gas engine, 10 horse power. Estab. 1890	18	12	80	•••••	
RIES, ROBERT, mfrs. casks and tanks. 500 to 506. Seventh Street. Three buildings—one 2 st. brick; one 1 st. brick; one i st. frame; one boiler; one engine, 50 horse power. Estab. 1881 Ordered a guard placed on rip saw. Accident.—A man was severely bruised by a barrel rolling on him, he was laid up for three months, the firm paid half time and doctor's bill.	7		7	•••••	
RIVERSIDE PRINTING CO., printing, lithographing, electrotyping, book binding, etc. 218 to 220 Third Street. One 5 st. and basement brick building; two iron fire escapes; two boilers; one engine, 165 horse power. Estab. 1868.	75		75	•••••	

Establishments Inspected.		Number of Employes.			Out of new machinery.
	Male.	Fem.	Total	Cost of new building im- provements.	Cont
ROCKWELL MANUFACTURING CO. THE, mfrs. sash, doors, blinds and interior wood work. Park Street and Sixth Avenue. Nine buildings—two 3-st. brick; one 2-st. brick; two 1-st. brick; frou 1-st. frame lumbersheds and barns; two iron fire escapes; six bollers; two engines, 380 horse power. E-tab. 18/1  Accident.—A 14 year old boy at work on a relish machine feil on the saw and was severly cut on his body. Note.—It requires a parental certificate, for boys under the legal age to secure work in this factury. This was formerly known as Sanger & Rockwell.	450		450		
ROEBEL & REINHARDT, mfrs. picture and mirror frames. 28 to 230 Grand Avenue Two buildings— one 2 st. brick; one 1-st. frame, hand power. Estab. 1286	8		8		•••
ROMADKA BROTHERS, mfrs. trunks and traveling bags. 228 to 225 Third Street and 222 to 224 Fourth Street. Five buildings—two 5 st. brick; two 4 st. brick; two 4 st. brick; two 1 st. brick; one 1 st. brick; two fire escapes and building bridged; two boilers; one engine, 70 horse power. Estab. 1818.  Ordered two fire escapes erected on new building; condemned cable of elevator in box shop; ordered alarm bell connections provided. Note.—Fire March 26, destroyed part of factory caused a loss of \$26,900 on building and stock. Slace rebuilt.	200	7	207		···· ·•·
ROTH MANUFACTURING CO mfrs. v'negar, pickles, mu-tard, j-llies etc. 701 to 709 Cedar Street. Three buildings—two 2 st. and basement brick; two 2 st. and basement frame; two boliers; one engine, 70 horse power. Estab. 1854.  Ordered gears above cooling tube on first floor guarded; also main drive belt on same floor buxed.	20	10	80	\$10,000	· • • • • • • • • • • • • • • • • • • •
RUNDLE-SPENCE MANUFACTURING CO., mfrs. brass and iron goods for plumbers, steam and gas fitters. Plant A. 68 to 67 Second Street. One 5-st and basement brick building; two iron fire escapes; one boiler; one engine, 75 horse power. Estab. 1880	180		180		
RUNDLE-SPENCE MFG. Co iron foundry. Plant B. Virginia and South Water Streets Four buildings—one 2st. and three 1-st frame buildings; one one engine, 40 horse power. Estab. 1888	72		72		••••••
SANDEBSON E. MILLING CO., Phoenix Mill, mirs. flour. Corner Commerce and Cherry Streets. Three buildings—one 6-st. frame, sheet iron veneered; one 6-st brick; one 1-st. frame; one fire escape and three more in construction; four boilers; two engines, 750 horse power. Estab 1818	59		59		••• •••
BCHAEFER SHOE CO. 688 to 625 Cedar Street. Two 1-st. frame buildings; one boiler; one engine, 40 horse power. Estab. 1892. A fire Nov. 1892 caused a loss of \$500.	23	12	35	2,500	\$5,000
BCHINZ HENRY BOTTLING CO., mfrs. soda water and weiss beer. 607 to 618 Cherry Street. Two buildings—one 2 st. and basement brick; one 1-st. frame; hand power. E-stab. 1888	16		16		. <b></b>

Establishments Inspected.		Number of Employes.		Cost of new building im- provements.	of new
	Male.	Fem.	Total	Cost of hulldi	Control
SCHLITZ JOS., BREWING CO, brewers and maisters. Corner Third and Walaut Streets. Tweaty brick buildings—two 6-st.; two 6-st.; two 4-st.; three 3 st.; four x st.; four 1-st.; two 1-st. frame: and one 90 ft. high elevator; seven fire escapes; buildings bridged; fitteen boilers; six engines, 1,000 horse-power. Estab.  1848  **Note.**—This plant ranks among the largest and best arranged in this country. For those of the workmen who take their dinner here special rooms.	500		500	\$30,000	\$70,000
are provided There are three dynamos for in- luminating and five ic- in achies with a capacity of 700 tons per day. The output for 1898 was 700,000 bbls. Brewing capacity is 1,500,000 bbis.					
SCHLITZ, JOS., BREWING CO., bottling department. 76 to 92 South 8ay Street. Two large 1-st. brick buildings; two boilers; one engine, 48 horse power. Estab. 1886	800	177	477	·····	5,600
Ordered two girls and one boy under 14 years of age discharged. Note.—Firm requires minors in its employ to furnish parent's certificate as to age, health and when left school, as a condition of receiving employment.					i
SCHMIDT, PETER, & CO contractors cutstone. 355 East North Avenue. Four 1-st. frame buildings; two boilers; one engine, 80 horse power. Evtab. 1869  Accidents.—A workman while operating a der- rick, was killed by a heavy stone falling on him. Note.—Firm carries accident insurance for the benefit of its employes.	80		30		••••
SCHMITT, F. & SONS, mfrs. galvanized iron works. Two buildings—one 3-st. brick; one 1-st. brick; hand power. Estab 1845	5		5		<b></b>
SCHOENECKER, V., BOOT AND SHOE CO. 588 to 540 Seventh street. One 4-st. and basement brick building; one iron fire escape; two boilers; one engine, 50 horse power. Estab. 1880 Note.—Automatic fire alarms on every floor, with separate water closets and toilet rooms for female employes.	105	45	159	20,000	3,000
SCHROEDER, JOHN, LUMBER CO., planing mill and lumoer yard. Foot of Walnut Street. Three buildings—one 2 st. frame; two 1-st brick; three boilers; one engine, 300 horse power. Estab. 1887	25		25	5,000	4,000
SCHUSTER, GEO. J., wholesale tobacco house. 283 to 285 East Water Street. One 8-st. brick building, hand power. Estab. 1878	8	10	18	••••	
SCHULZ & RASTER, planing mill and stair builders. Foot of Clinton Street. Two buildings—one 2 st. frame; one 1 st. brick; one boller; one engine, 100 horse power. Estab. 1887	18	ļ 	18	8,000	2, 900
SCHULZ, A. GEO., & CO., mfrs. paper boxes, sample cards, etc. Corner Fourth and Clybourn Streets. One 4-st. and basement brick building; two iron fire escapes; one boiler; one engine, 30 horse power. Estab. 1878	8	72	80		

ESTABLISHMENTS IMPROVED.		NUMBER OF EMPLOYEE.			
ASTABLISHMENTS IMPROVED,	Male.	Fem.	Total	Cost of n building provemen	Cost of machine
SCHULTZ BROS. FURNITURE CO., mfrs. extension tables. South Milwaukee. Four buildings—one 3 st. brick: one 1-st. brick; two 1-st. frame: two boilers; one engine, 100 horse power. Estab. 1892	40		40	\$19,000	\$11,000
SCHWAB & SERCOMB, prop founders and mfrs, "Gilt Rdge" hot air furnaces. 271 to 295 Clinton Street. Four buildings—one 4 st. frame iron veneered; two 3-st. and basement frame; one 1-st. frame, bridge connections; one boller; one engine, 32 horse power. Estab. 187?	160		160		
SCHWAB STAMP AND SEAL CO., mfrs. stamped brass and metal work. 392 East Water Street. One 3-st brick building; one electric motor, 3 horse power. Estab. 1:81	15		15		
SCHWARTZBURG, H. A., mfr. cigar boxes. Cor. North Avenue and Sixth Street. One 2-st. frame building; one boiler; one engine, 30 horse power. Estab. 1889	8	7	15		. <b></b>
SEAMLESS STRUCTURAL CO., THE, mfrs. seamless steel range boilers, tanks for gas or fluids, steel cups and shells for lods fountains. Foot of Reed Street. Three l-st. frame buildings; two boilers; one engine, 45 horse power. Estab. 1593	25		25	85,000	6,000
SEEBOTE, DER, THE P. V. DEUSTER CO., printing and publishing. 98 Mason Street. One 4-st. brick building; one wooden fire escape; one boiler; one en- gine, 12 horse power. Estab. 1842	50	ļ 	50		
SEMMANN MFG. CO., mfrs. harness, gig and express saddles. 1211 to 1216 Lee Street Two 2 st. frame buildings; one gas engine, 18 horse power. Estab., 1889.	58		58		• • • • • • • • • • • • • • • • • • • •
SENTINEL CO., THE. publishing and book binding. F9 to 93 Mason Street. Inspected by Van Etten. One 9-st. iron, brick and stone fire proof building; one iron fire escape: two bollers; five engines, 150 horse power. Estab. 1837.		20	120	120,000	16,000
SERCOMB & BOLTE MANUFACTURING CO., since inspection assigned and sold to Telegram Cycle Mfg. Co., mfrs., bicycles. 855 to 357 East Water Street. One 5-st. and basement brick building; one fire escaps; three dynamos, 35 horse power. Estab. 1892	150		150		20,000
SHADBOLT & BOYD IRON CO., jobbers in iron and steel. 129 to 181 West Water Street. One 4-st. brick building, hand power. Estab. 1808	45		45		••••
SHERIFFS MANUFACTURING CO. mfrs. propeller wheels and marine engines. 124 to 180 Barclay Street. Three buildings—one 2-st. brick; one 2-st. frame; one 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1854.			50		
SIDENBERG & HAYS, mfrs. cloaks. 376 Broadway. One 4 st. brick building; one fire escape; one motor, 8 horse power. Estab. 1861	105	15	120		1,200

Report of Inspection-Milwaukee, Continued.

Establishments Inspected.		Number of Employes.									of new ing im- rments.	10 E E
	Male.	Fem.	Total	Cost of a building i	Cost of mesoping							
ploys 20 hands; the busy season is from May to November.												
SINGER MANUFACTURING CO., THE, sales rooms and repair of sewing machines. Shops 236 West Water Street. One 3-st. and basement brick build ing; one boiler; one engine, 8 horse power. Estab. 1883	83	5	<b>38</b>									
SKOBIS BROTHERS mirs, srchitectural iron works, 508 Comnerce Street. One 2-st. and basement frame, brick lined building; one bolier; one engine, 25 horse power. Estab. 1886.	80		<b>3</b> 0									
SMITH, ANGUS, grain elevator. South Water and Lake Strects. Elevator A. 125 feet high; elevator H. 135 feet high; elevator C. 100 feet high, and two 1 st brick buildings; one escape on elevator B. and bridge to elevator A.; one escape on elevator C.; three boilers; two engines, 250 borse power Estab. 1866. Storing capacity 2,000,000 bushels.	14		14									
SMITH, C. J., & SONS CO., mfrs. hardware specialties, bicycle parts and childrens' carriage hardware. Corner Fark and Clinton Street. Four buildings—one 8 st. frame; two 2 st. frame; one 1-st. frame; two boilers: two engines, 80 horse power. Estau. 1878 Ordered one boy of 18 years discharged.	60		60		\$9,000							
SOUTH SIDE CIGAR BOX CO. 185 to 187 Barclay Street. One 2-8t. frame building; one boiler; one en- gine, 35 horse power Estao. 1878	6	12	18	<b></b>	<b></b>							
SOUTH SIDE PRINTING CO. 126 Reed Street. One 2-st. brick building; one boiler; one engine, 6 horse power. Estab. 1879.	14		14		8,000							
PRINKMANN, F., mfr. "Ainsworth" boiler and pipe covering. 181 to 183 Sycamore Street. One 8 st. and basement brick building; one boiler; one engine, 15 horse power. Estab. 184.  Note.—About twenty men are employed outside of factory covering pipes, etc.	6		6									
STANDARD PRINTING CO. 114 Michigan Street. One 2-st. brick building; one boller; one engine, 10 horse power. Estab 1860	18	2	15									
STECKEL, ADRIAN, mfr. harness leather. Vogels Island. Four buildings one 3-t. brick and frame; three 1-st. frame; one boiler; one engine, 18 horse power. Estab. 1866	18		18	· · · · · · · · · · · · · · · · · · ·								
STEGER, V., & SON, planing mill. Corner North and Western Avenues. Three buildings—one 2-st. frame; two 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1832	8		8	<b>32</b> ,500	2,000							
STEHLING, CHAS. H., carpenter, builder and mill wright. 508 Commerce Street. One 2-st. and basement frame brick lined building; one boiler; one engine, 38 burse power. Estab. 1883	6		8	2,000	1,00							
STILLMAM, E. R., & CO, mfr. cooperage. Foot of Reed Street. Four buildings—three 2 st. frame; one 1 st. frame; two boilers; two engines, 68 horse power. Estab. 1884	65		65	•••								

	N	Numero or Entriorm.  Male. Fem. Total		Fig	\$ ti
Establishments Inspected,				Cost of 1 building proveme	Oust of 1
killing him instantly. A workman lost part of left hand on a heading saw; snother lost thumb on same saw. Note.—This saw is now out of use.			·		
STOPPER, CHAS. COOPERAGE CO, mfrs. beer barrels. 651 to 665 Third Street. Four buildings—one 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; one engine, 85 horse power. Estab. 1855	50		50	\$1,000	\$2,500
STRAW & ELLSWORTH MANUFAC TURING CO. mfrs. gloves, mittens, and fur overcoats. 354 to 356 Broadway. One 5 st. brick building; one fire escape; one gas engine, 8 horse power. Estab. 1877	87	88	70		 
SUHM, R. LEATHER CO., tanners and curriers. 768 to 774 Kianickinnic Avenue. Four Buildings—one 4-st. frame; one 3-st frame; one 1-st frame; one 1-st. brick, all buildings connected; two boilers; one engine, 100 horse power. Estab. 1883	55		55	•	•••••
SULLIVAN H. J., slate roofer and mfr. galvanized iron work. 138 to 140 Seventh Street. One 2-st brick building; hand power. Estab. 1885.  Note —The largest number of men work outside of factory.	80	<b>.</b>	30	6,000	
SUN PUBLISHING CO., THE. Corner Milwaukee and Michigan Streets. On third floor of Evening Wisconsin Building; one fire escape. Estab. 1888 Note.—Printing done by Evening Wisconsin Company.	5		5	• ••••	····
TAINSH & CO., printers. 114 Mason Street. Located in basement of Colby and Abbot building; one motor 2 horse power. Estab. 1882	£6		6		
TANNER, A. F., FURNITURE CO., Corner Park and Fourth Avenue. Three buildings—one 3-st. brick; one 1-st. brick; one 1-st. frame; one fire escape; one boile; one engine, 70 horse power. Estab. 1886	60		60		
THOMAS BRASSANDIRON CO., mfrs. plumbers', gas and steam fitters' supplies. 170 to 172 West Water Street. One 4-st. brick building; one fire escape; two bollers; two engines, 180 horse power. Estab. 1872 Accident.—A young man while attempting to adjust a drive belt, had his arm caught and torn from the shoulder, from the affects of which he died shortly after.	129		129		
TOEPFER, W., & SONS, mfrs, dumping kiln floors, kiln trap doors, perforated sheet metal, etc. 76 to 88 Menomonie Street. Three buildings—one 2-st. brick; two 1-st. frame; one boiler; one engine; 30 horse power. Estab. 1835	80	   	80		
TROY STEAM LAUNDRY, 146 Michigan Street. One 3-st. brick building; one boiler; one engine, 30 horse power. Estab. 1874	4	18	223	l	

Report of Inspection-Milwaukee, Continued.

neport of Inspection Mixway	200,		nuou.		_
Repailments Improved.		MPLOY		Cost of new building im- provements.	No.
	Male.	Fem.	Total	DAGE DAGE	Cost of macchin
TROSTEL, ALBERT & SONS, tanners and curriers. 893 to 903 North Water Street. Seven buildings—one 8-st. brick; one 2-st. frame; three 1-st. frame; two 1-st. brick; three boilers; one engine, 140 horse power. Estab 1865	125		125		
TROSTEL, ALBERT & SONS, Phoen's Tannery. 612 to 630 Commerce Street. Five buildings one 5-st. briek; one 2-st. frame; two 1-st. frame; two fire escapes; three boilers; one engine, 125 horse power. Estab. 1885  Ordered eighteen tanks containing hot liquid, in leach house provided with proper safe guards. Accident.—An employe broke his arm in a splitting machine.	150		150	\$18.000	g7,000
UIHLEIN BROS., malsters. Polk and Jefferson Streets. Four tuildings—one 5-st. brick; two 2-st. brick; one frame grain elevator; two beliers; two engines, 205 horse power. Estab. 1880	18		18	7,000	14,000
UHRIG. B. & SON, coal yard. Point Street. Two 1-st. frame buildings; one boiler; one engine, 35 horse power. Estab. 18:0	25		25		
USINGER FRED, mfr. sausage. 304 Third Street. One 4-st. brick building; one boller; one engine, 15 horse power. Estab. 1882	17		17	11,000	3,000
VAN DYKE KNITTING CO., mfr. knit goods. 225 to to 229 South Water Street. Two buildings—one 5-st. brick; one 4-st. brick; one fire escape; two boilers; one engine, 55 horse power. Estab. 1884	20	230	250	15,000	8,000
VILTER MANUFACTURING CO., THE, mfrs. steam engines, refrigerators and ice machines. 860 to 900 Chestnut Street. Six buildings—one 2 st. frame; four 1-st. frame; one 1-st. brick; one bolier; one engine, 116 horse power. Estab. 1869  Ordered alarm bell connections provided. Nots.—A fire in Oct. 1892 destroyed the old plant. Loss \$125,000.	150		150	47,000	90,000
VOGEL, FRED, JR., mfr. leather. Vogels' Island. Eleven buildings—one 4-st. brick; one 4-st. trame; one 3-st. brick; two 3-st. frame; three 2-st. frame; four 1-st. frame; one fire escape and lower roofs adjoining; three boilers; two engines, 95 horse power. Estab. 1878-1889.  Accidents.—A workman was severely injured in the back, being struck by a washing drum. Another had his arm broken by a splitting machine.	165	ļ	165		
VOGT & KILLIAN SASH AND DOOR CO, mfrs. sash, doors and blinds. 576 to 590 Island Avenue. Four buildings—two 2-st. frame; one 1-st. frame; one 1-st. frame; one 1-st. brick; one boiler; one engine, 85 horse power. Estab. 1886	60		60		
VASS HERMANN, mfr. blank books and advertising novelties. 372 to 376 Milwaukee Street. One 4-st. brick building; one fire escape; one engine, 6 horse power. Estab. 1874	80	25	55		

Establishments Inspected.	No Es	Number of Employes.		Cost of new building im- provements.	of now
	Male.	Fem.	Total	Cost o buildi prove	Coet o
WADHAMS OIL AND GREASE CO, mfrs. railroad, mill and miners' supplies. 116 to 120 Fowler Street. One 2-st brick building; one boiler; one engine, 30 horse power. Estab. 18;5	22		23	••••	400
WAGNER, J. G., architectural iron works. 514 to 520 Market Street. Three buildings one 2-st. brick; one 1-st. brick; one boiler; one engine, 8 horse power. Estab. 1869.	58		58		
WALSH, F. A., & CO., mfrs. tinware. 416 to 418 Fourth Street. One 8 st. brick building; two fire εκcapes; one boiler; one engine, 60 horse power. Estab. 1ε78. Ordered one boy under 14 years discharged. Note.—A fire in May, 1891, destroyed old plant; loss \$140,000.	71	9	80	•••••	••••
WECHSELBERG, J. P., mfr. carriages and sleighs. 218 to 229 Wells Street. One 2-st. brick building; hand power. Estab. 1861	8		8		
WEIGELL, A., mfr. mattresses and spring beds. 220 Broadway. One 4-st. brick building; one fire escape; one motor, 8 horse power. Estab. 1:65	22	8	80		
WIENER, E., m'r. upholstered goods. 301 to 803 Seventh Street. Two buildings—one 3 st. brick; one 2-st. frame; one fire escape; hand power. Estab. 1883	45		45	\$10,000	
WEINS, A. R., & CO., mfrs. brushes. 225 to 227 Cedar Street. Oue 4-st. brick building; two fire escapes; one motor, 1 horse power. Estar. 1886	11		11	••••	\$150
WEISS & SCHMIDT, mfra. pottery. Chency and Thirty Second Streets. Three buildings—one 2-st. frame; two 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1875	12		12	8,000	8,800
WENZUL, J. H., & CO., book and job printers. 912 Walnut Street. Two buildings—one 2-tf. frame; one 1-st. frame; one boiler; one engine, 8 horse power. Estab. 1678	6	<b></b>	6		
WERRBACH. L., mfr. weiss beer, soda and seltzer water. 89 Biddle Street. Three buildings—two 2 st. brick; one 1-st. frame; one boiler; one engine, 2 horse power. Estab. 18:5	12	ļ	12		
WEST, H. H., & CO., mfrs. blank books. 847 to 349 East Water Street One 5-st. brick building; one fire escape; one motor, 2 horse power. Estab. 1869	11	6	17	ļ	
WESTFAHL, F. & CO., mfrs. files and rasps. Thirty First and Cheney Streets. Two buildings—one 1-st. brick; one 1-st. frame; one boiler; one engine, 180 horse power. Estab. 1879	29		29		
WEST SIDE ELECTRIC CITY R'Y. POWER HOUSE.  1116 to 1118 Wells Street. One 2-st. brick building; four bollers; two engines; four dynamos, 1,080 house power. Estab. 1890.	24		24		
WEST SIDE MANUFACTURING CO., mfrs. sash, doors, mouldings, etc. Lisbon Avenue and Thirty	I	l		l	l

Establishments Improved.	Eurion		Number of Employes.		of new placery.
	Male.	Fem.	Total	Cost of new building im- provements.	Cont
Second Street. Two 2-st. frame buildings; one boiler; one eagine, 35 horse power. Estab. 1892.  Ordered guard placed on one rip saw and set screws on counter shaft of rip saw and buzz planer capped. Accident.—Mr. Debus a member of the firm lost his right arm on knives of a buzz planer, while attempting to put leeder belt on pulley.	14		14	\$1,500	\$3,700
WESTERN LEATHER CO., mfrs. scrap leather for miners' soles. 878 to 860 Marshall Street. Two buildings—one 3-st. brick; one 1-st. brick; two boilers; three engines, 56 horse power. Estab. 1886 Ordered a guard placed around elevator platform. Accidents.—A boy lost two fingers on heeling machine, another boy lost three fingers on same machine.	75	175	250		
WESTERN PAPER CO mfrs. decoration paper. 225 to 227 Cedar Street. Factory on second floor of 4-st. brick building; two fire escapes; one motor; one gas engine, 10 horse power. Estab. 1884	6		6		
WETZEL, A., & BROS., book and job printers. 618 East Water Street. One 8-st. brick building; one boiler; one engine, 4 horse power. Estab. 1885	. 9		. 9		. <b></b>
WILLER MANUFACTURING CO., mfrs. interior wood work. Fourth and Cedar Streets. Three buildings one 4-st. brick; one 2 st. brick; one 1 st. brick; one fire escape; two bollers; one engine, 125 horse power. Estab. 1868	128		128	· · · · · · ·	
WILMANUS BROS., lithographers. 19 to 21 East Water Street. One 4-st. brick building: one outside enclosed stairway; one boiler; one engine, 25 horse power. Estab. 1891	85		85		5,000
WINDSOR MANUFACTURING CO., mfrs. lead pipes and sheet lead. 71 to 75 Second Street Three buildings—one 2-st. brick; two 1-st. frame; one boiler; one engine, 60 horse power. Estab. 1891	8		8		
WISCONSIN BANK NOTE & LITHOGRAPHING CO., 282 Lake Street. On second and third floor of 3-st. brick building; one fire escape; one motor 6 horse power. Estab, 1830	21		21	 	1,900
WISCONSIN BRIDGE & IRON CO., mfrs. structural iron work. North Milwaukee. Three buildings—one 2-st. frame; one 1-st. brick; one boller; two engines, 97 horse power. Estab. 1888 Ordered over head walks provided for oller. Accident.—A workman broke his leg by falling from a skid.	185		185	50,000	5,000
WISCONSIN MALLEABLE IRON CO., South Bay Street. Six buildings—five 1-st. frame; one 1-st. brick: two bollers; one engine, 120 horse power. Es- tab. 1879	850	ļ	850		
WISCONSIN VENETIAN BLIND CO. 281 Lake Street One 2-st. brick building; one boiler; one engine, 20 horse power. Estab. 1856			5	ļ	
YENOWINE'S NEWS, publishers Milwaukee and Michigan Streets. On third floor of 4-st. brick building; one fire escape, press work done by Evening Wisconsin. Estab. 1885.			10	<u> </u>	

Establishments Improved.	NUMBER OF BELLOTES.		ding in-	10 mg	
	Male.	Fem.	Total	Cost of building provens	9
YEWDALE, J. H., & SONS, printers, engravers, electrotypers, binders, etc. 46 to 52 Onedia Street. One 5-st. brick building; one fire escape; one boiler; one engine, 50 horse power. Estab. 1865	<b>1</b> 58	23	80	\$40,000	\$4,000
ZIEGLER, GEORGE, CO, mfrs. confectionery. 288 to 289 East Water Street. One 5st. brick building; four fire escapes; two bollers; one engine, 145 horse power. Estab. 1862	90	91	181		<b></b>
ZOHRLAUT, HERMAN LEATHER CO. 793 to 826 North Water Street. Five building;—one 5-st. brick; one 8-st brick; one 2-st. frame; two 5-st frame; one fire escape; buildings bridged; four boilers; one engine, 200 horse power. Estab. 1857	875		875	6,000	9,600
ZWIETUSCH, OTTO, mfr. soda water apparatus. 705 to 711 Chestnut Street. Four buildings—two 3-st. brick; one 2-st. brick; one 1-st.brick; one boiler; one engine, 24 horse power. Estab. 1858	40		40		
MILLSTON-JACKSON CO.	1				
Inspected April, 1898, by Van Etten.			<u>.</u> .		
MILLS, H. B., mfr. lumber, lath and shingles. Two 1-st. frame buildings, 75 horse power (water). Estab. 1872.	12		12	<u>.T</u> 500	580
MILTON JUNCTION—ROCK CO.					
Inspected January, 1894, by Van Etten.	l				
SWANEY, JOHN W., mfr. cigars. One 2-st. and attic frame building; one boiler; one engine, 6 horse power. Estab. 1864. Output of factory for 1892 was 2,000,000 cigars.	16	4		•••	650
MINERAL POINT-IOWA CO.					
Inspected March, 1894, by Van Etten.					
MINERAL POINT LINEN AND FIBRE CO., mfrs. paper and sods fibre. Two buildings - one 2 st. stone; one 1-st. frame; two builders; one engine, 475 horse power. Estab. 1893	25	10	85	20,000	60,000
MINERAL POINT WOOLEN CO., mfrs. flannels, blankets, mackinaws, etc Two buildings—one 3-st. and attic frame, iron veneer; one 1-st. frame, iron veneer; one boiler; one engine, 20 horse power (water) 30 horse power (steam). Estab. 1891.	12	18	30		2,000
MINERAL POINT ZINC CO., mfrs. oxide zinc. Thirteen buildings—one 3 st. stone; one 3 st. iron; one 1 st. iron; ten 1 st. frame; four bollers; two engines, 126 horse power. Estab. 1882	100		100	7,200	19,000
TORNADO BREWERY, Chas. Gillmann, prop. Six buildings—one 2 st. stone; five 1-st. frame; one boiler; one engine, 12 horse power. Estab. 1850	7		7	2,000	250

Establishments Inspected.	NUMBER OF EMPLOYES.			Cost of new building im- provements.	od now
	Male.	Fem.	Total	Cost of prove	000
MONROE-GREEN CO.					
Inspected March, 1894, by Van Etten.  DAILY TIMES, THE. W. T. Glies, publisher and printer. On second floor of 3-st brick building, hand power. Estab. 1880	6		6		
FITZGIBBON BROS., mfrs. carriages and buggies. Two buildings—one 3-st. and 1-2st. brick, hand power. Estab. 1880	80		80	\$11,000	
FREESE FRITZ, mfr. brick. Several sheds, hand power. Estab. 1884	9		9		
MONROE BREWERY, Adam Blumer, Prop. Three buildings—one 8-st. brick; one 2-st. brick; one 1-st. brick; one boiler; one engine, 25 horse power. Estab.	10		10	15,000	\$5,000
MONROE ELECTRIC LIGHT & POWER CO. One 1-st. brick building; two boliers; one engine, 150 horse power. Estab. 1883	6		6	4,500	11,000
MONROE MACHINE AND FOUNDRY CO., mfrs. boilers, tanks, cheese steamers, etc. Three buildings —one 2-st. brick; one 1-st. brick; one 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1890	10		10		
MONROE MILLING CO., THE, mfrs. flour and feed. One 2 st. brick building: one boiler; one engine, 50 horse power. Estab. 1893.	5	<i></i> .:	5	1,000	5,000
MONROE PLANING MILL CO. Four buildings—one one 2-st. and three i st. brick; one boiler; one engine, 40 horse power. Estab. 1858	223		22	· . <b></b> .	301
MONROE SENTINEL, printing and publishing. On second floor of 2 st. brick building; one boiler; one engine, 2 horse power. Estab. 1850	5		5		
WISCONSIN MILK CONDENSING CO. Two buildings—one 2-st. and basement; and one 1-st. brick; tao boilers; one engine, 25 horse power. Estab. 1890	14	2	16		
WOOD & CHURCHILL, mfrs. brick. One 1-st. frame building and several sheds; one boiler; one engine, 20 horse power. Estab. 1887 Output for 1892 was 1,500,000 brick.	19		19	•••••	
MORRIS -SHAWANO CO.					
Reported by firm, March, 1894.	!	!	l i	_	
BUCKSTAFF—SPRAGUE LUMBER CO., THE (No description of plant given), three builers; one engine, 85 horse power. Estab. 1883	60		60		
MORSE—ASHLAND CO					
Inspected Feb., 1894, by Van Etten.					
PENOKEE LUMBER CO., planing mill and lumber dealers. Twelve buildings—two 2 st. frame; eight 1-st. frame; two 2 st. brick; nine boilers; four engines, 580 horse power. Estab. 1887.  Output for 1894 was 14, 188, 700 ft. lumber; 3, 128, 000 lath and 5, 038, 250 shingles.	190		120		

·	Ni E	Number of Employes.			Bew Jery.
Repartments Inspected.	Male.	,	Total	Cost of new building im- provements.	Cost of machin
MOSINEE—MARATHON CO. Inspected September, 1898, by Van Etten. DESSERT JOSEPH LUMBER CO., mfrs. lumber, lath and shaples Eight huldings true Set Improve four					
and shingles. Eight buildings—two 2st. frame; four 1st. frame; two 2st. brick; two boilers; 585 horse power (water). Estab. 1814.  Company owns and operates thirteen miles of railroad for logging purpo-es, using two locomotives and sixty cars. Cutfof mill for 1892 was 25, 300,000 ft. lumber; 4,800,000 lath and 3,500,000 shingles.	250	5	255		
KRONENWETTER, S., mfr. lumber. Three buildings—one 2-st. frame; two 1-st. frame; one boiler; one engine, 60 horse power. Estab. 1870	25		25		·····
NECEDAH—JUNEAU CO.	,				
Inspected March, 1894, by Van Etten.  NECEDAH FLOUR MILL CO. One 4-st. frame building. 600 horse power (water). Estab. 1855	5		ι5	· · · · · · · · · · · · · · · ·	
NECEDAH LUMBER CO. Eight buildings—two 8-st. frame; four 1-st. frame; two 1-st. brick; eight boilers; three engines, 375 horse power. Estab. 1849	170	15	185	. <b></b>	
LYMAN LUMBER CO. Eight buildings—one 2-st. frame; seven 1-st. frame; sight boilers; three engines, 500 horse power. Estab. 1880	74		74		\$2,000
NEENAH-WINNEBAGO CO.					
Inspected October 1898, by Zwaska.  AYLWARD, WM. & SONS, mfrs. stoves. Three buildings—one i-st. brick; two 1 st. frame; one boiler; one engine, 35 horse power. Estab. 1879.  Note.—A fire in 1893 caused a loss of \$4,000.	<u>;</u> 12	. <b></b>	12		
BERGSTROM BROS. & CO., mfrs. stoves and ranges. Seven buildings—two 3-st. brick; one 8-st. stone; two 8-st. brick; one 1-st. brick; one boiler; one engine, 60 horse power. Estab 1857  Ordered alarm bell connections provided between stove department and engine room.	70	••••	70		••••
KIMBERLY & CLAPK CO. (Badger Mills), mfrs. paper. Two buildings—one 3-st. brick; one 2 st. brick; one boiler; one engine, horse power (steam), 85; (water) 300. Estab. 1884	18	4	<b>2</b> 2		
KIMBERLY & CLARK CO, (Neenah Mills), mfrs. paper. Four buildings—one 3-st. brick; three 1-st. brick; four boilers; two engines, horse power (steam), 85; (water) 200. Estab. 1835	58	8	66		
KIMBERLY & CLARK CO. (Globe Mills), mfrs. paper. Two buildings—one 2-st. brick; one 1-st. brick; two boilers; one engine, horse power (steam) 60; (water) 100. Estab. 1872	19		18		
KRUEGER & LACHMANN, merchant millers. Four buildings—one 3-st. stone; one 3 st. frame; two 2-st. frame; one boiler; one engine, horse power, (steam) 125, (water) 200. Estab. 1859	8		8		 
NEENAH BOOT & SHOE MANUFACTURING CO. One 3-st. brick building; one fire excape; 15 horse power (water). Estab. 1883	48	80	78		<u></u>

. Metablishients Inspected,	Number Employ			Cost of new building im- provements.	of new
	Male.	Fem.	Total	Cost build prove	Cost of machin
NEENAH AND MENASHA GAS & ELECTRIC LIGHT CO. Two buildings-one 2-st. brick; cne 1-st. brick; two boilers; one engine, horse power, (steam) 50, (water) 300. Estab. 1886	10		10		
NEENAH RAPER CO., mfrs. paper. Five buildings— three 2-st. brick; one 1-st. brick; one 1-st. frame; one one boiler, one engine, horse power, (steam) 125, (water) 600. Estab. 1878	50	25	75	\$50,000	<b>\$</b> 75,000
NEENAH PLANING MILL, THE, mfrs. ornamental wood work. Four buildings—one 3-st. frame; one 2-st. frame; one 2-st. frame; one boller; one engine, 75 horse power. Estab. 1875 Ordered alarm bell connections provided	24		24		· • • • • • • • • • • • • • • • • • • •
WINNEBAGO PAPER MILLS. Four buildings—two 2-st. brick; one 1-st. frame; three bollers; two engines, horse power, (steam) 875, (water) 375. Estab. 1875.  Ordered all dangerous gears and pulleys located on floor near paper machines guarded. Accident.—A workman had his hand crushed in bevel gears	50	40.	90		. <b></b>
WULFF, CLAUSEN & CO., merchant millers. Three buildings—one 2 st. frame; one bolier; one engine, horse power, (steam) 65, (water) 85. Estab. 18:9	7		7		
NEILLSVILLE - CLARK CO.					
Inspected April, 1893, by Van Etten.					
FREER, F. C., mfr. buggies and general repair work. One 2-st. frame building, hand power. Estab. 1891.	5		ð		
FREE & PHILLIPS, planing mill. Two buildings— one 3-st fraue; one 1-st frame; one boiler; one en- gine, 48 horse power E-tab. 1:81 Ordered a railing placed at head of stairway.	8		8	1,200	400
HEIN, J., mfr. staves and heading. Three 1 st. frame buildings; two boilers; two engines, 103 horse power. Estab. 1882	85.		85	••••	250
NEILLSVILLE BREWERY. Three buildings—one 2 st. brick, one 1-st. brick; one 1-st. stone; one bo ler; one engine, 10 horse power. Estab. 1890	5		5		40
NEILLSVILLE MANUFACTURING CO., mfrs. lumber and furniture. Five buildings — one 4-st. frame; three 1-st. frame; one 1-st. brick; one fire escape; one outside statrway; two beilers; two engines, 350 horse power. Estab. 1890	100		100		
NEILLSVILLE MILLING CO., mfrs. flour and feed. Two buildings-one 3-st. frame; one 1-st. brick; one boiler; one engine, 80 horse power. Estab. 1880	6		6		
NEILLSVILLE NOVELTY MANUFACTURING CO., mfrs. washboards, broom racks, display stands, etc. Two buildings—one 2-st. frame; one i-st frame; one boiler; one engine, 25 horse power. Extab. 1888 Ordered one boy under 14 years discharged.	10	1	11	880	150

Report of Inspection—Continued.

	N.	NUMBER OF			
Repartments Inspected.		MPLOYI		of new ing im-	Per Per Per Per Per Per Per Per Per Per
	Male.	Fem.	Total	Oost of a building provemen	Cost of new machinery
NEILLSVILLE PLANING MILL. One 2 st. frame building; one boiler; one engine, 50 horse power. Estab. 1889	10		10		\$4,500
NEILLSVILLE SPOKE CO., mfrs. white oak wagon spokes. Four buildings—one 2 st. frame; three 1-st. frame; one boiler; one engine, 45 horse power. Estab. 1885	18		18		3, 400
WOLFF & KORMAN, mirs. wagons, sleighs, etc. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine, 18 horse power. Estab 1891 Accident.—A workman had his head badly cut on shaper	ಕ		6		190
NEW LISBON-JUNEAU CO. Inspected August 1893, by Van Etten.					
BIERBAUER, HENRY, (New Lisbon Brewery). Five buildings—one 2-st. brick; one 2-st. frame; one 1.st. stone; one 1 st. frame; one frame ice house; one boiler; one engine, 10 horse power. Estab. 1859	6		6	\$350	
NEW LONDON-WAUPACA CO.					
Inspected November, 1893, by Zwaska.  ANDRAE MANUFACTURING CO, mfrs. screen doors. Six buildings-two 2-t. frame; three 1-st. frame; one 1-st brick; two boilers; one engine, 200 horse power. Estab. 1891  Ordered fly wheel in engine room guarded. Ac cident.—An employe lost one finger on sticker.	60		60	18,000	15,000
EXCELSIOR FLOURING MILLS. Three buildings— one 2-st. frame and stone; one 1-st. stone; one frame elevator; one boiler; one engine, to horse power. Estab. 1880	7		7		2,000
JOHNSON MANUFACTURING CO., mfrs. lumber and excelsior. Four buildings—one 1½-st. frame; two 1-st. frame; one 1-st. brick; two boilers; two engines, 100 horse power. Estab. 1881	17	• • • • •	17		
KNAPSTEIN, T. & CO., brewers. Five buildings—one 3 st. brick; three 1-st. frame; one 1-st. brick; one boiler; one engine, 12 horse power. Estab. 1869	8		8	12,000	
MEIKLEJOHN & HATTON, mfrs. lumber. Four buildings—one 2-st. frame; three 1-st. frame; four boilers; two engines, 175 horse power. Estab. 1879 Ordered fly wheel of engine in planing mill guarded.	55	••••	55	8,000	1,500
NEW LONDON FURNITURE MANUFACTURING CO. Five buildings—two 2 st. frame; two 1 st. frame; one 1-st. brick; one boiler; one engine, 35 horse power. Estab. 1887	12		12	••••	······
NEW LONDON IRON WORKS, mfrs. saw mill machinery. I hree 1-st. frame building; one boiler; one engine, 12 horse power. Estab. 1891	7	· • • • • •	7		500

· Establishments Inspected.		Number of Employes.		Cost of new building im- provements.	of new doery.
	Male.	Fem.	Total	Cost build prove	100 1100 1100 1100 1100 1100 1100 1100
PAGE & LYON MANUFACTURING CO., mfrs. bee hives and honey boxes. Four buildings—three 2-st. frame; one 1-st. brick; one boiler; one engine, 50 horse power. Estab. 1890	21		21		
PAGE & LYON MANUFACTURING CO., saw mill. Four 1-st. frame buildings; one boiler; one engine, 45 horse power. Estab 1884  Accident.—A workman lost a finger on a rip saw.	8	. <b></b>	8		
NEW RICHMOND-ST. CROIX CO.					
Inspected June, 1898, by Van Etten.					
NEW RICHMOND ROLLER MILLS, mfrs. flour and feed. Six buildings—one 3-st. frame, one 2-st. frame, three 1-st. frame, one 1-st. brick, two boilers, one engine, horse power, (steam) 80, (water) 50. Estab. 1882.	16		16	\$2,000	\$1,000
NORTHERN GRAIN CO., mfrs feed. Six buildings—one 2-st. frame, four 1-st. frame, one 1-st brick, one boiler, one engine, 40 horse power. Estab. 18:9	7	2	9	1,200	830
WELLS & MULKOONEY GRAIN CO., mfrs. feed and butter. Five buildings - one 2-st. frame, three 1-st. frame, one 1-st. stone, two bollers, two-engines, 40 horse power. Estab. 1888	10	1	11.	1,000	1,200
WILLOW RIVER LUMBER CO. THE, mfrs. lumber, lath and shingles. Five buildings—two 2 st. trame, three 1-st. frame, five bollers, two engines, 225 horse power. Estab. 1881	1%5	1	126		400
NORTH FREEDOM-SAUK CO.				Ī	
Inspected April, 1893, by Van Etten.					
BLACHLY J. M., mfrs. staves, heading and lumber. One 1-st. frame building, one boiler, one engine, 30 horse power. Estab. 1877.  Accident.—A workman had his leg broken by a board flying from a rotary saw.	10		10		
SCHLOEMER G., mfr. lumber and staves. Two 1 st. frame buildings, one boiler, one engine, 30 horse power. Estab. 1889	6		6		300
NORTHPORT—WAUPACA CO.					
Reported by firm.  BROWN J. L. ESTATE OF., mfrs. lumber, lath and shingles. Three buildings—one 2 st. frame, one 2 st. stone, one 1 st. frame, three bollers, one engine, 30 horse power. Estab. 1872  Accident.—A boy was killed by a stick flying from a saw.	40		40	50	500
OCONTO-OCONTO CO.					1
Inspected Oct., 1893, by Zwaska.	1	'		i	ļ
CITIZENS' LIGHT AND FUEL CO., electric light plant and coal and wood yard. One 2 st. brick building; two bollers: one engine; three dynamos, 225 horse power; Estab. 1887	6		6	ļ	3,000

Report of Inspection—Continued.

Betablisheder Inspected.		Number of Employes.		of new ing im- sments.	Cost of new machinery.
	Male.	Fem.	Total	Cost of n building provemen	Const
ELECTRIC MANUFACTURING CO., mfrs. electric light lamps. One 2-st. brick building: 10 horse power turnished by Citizens' Light and Fuel Co. Estab. 1892.  Note.—Works temporarily idle at time of visit.	28	50	78	\$5,000	\$10,000
ENQUIRER, THE, printing and publishing. On second floor of 2-st. frame building; hand power. Estab.	2	8	5		
HOLT LUMBER CO., mfrs. lumber, lath and shingles. Right frame buildings - one 3-t. and 2 st. addition; one 2-t. and three 1-st.; one fire escape on boarding house; seven boilers; three engines, 475 horse power. Estab. 1859.  **Accidents.**—A workman was struck by a piece of board flying from edger, another by a piece of wood flying from slasher; one man received a severe fiesh wound on his arm on shaft of slasher saw; in all cases firm contributed to the support of the injured. **Note.**—Cut of mill for 1992 was 23,000.000 feet lumber, 6,000,000 lath, 7,000,000 shingles, 125,000 codar posts.	200		200		1,000
HOLT LUMBER CO., planing and cedar post mill.  Five buildings—one 2 st. frame; three 1-st. frame: one 1-st. brick; three boilers; four engines, 240 horse power. Estao. 1878	175		175		500
HOLT LUMBER CO., shingle mill. Two buildings— one 2-st. frame; one 1-st. brick and iron; three bollers; one engine, 125 horse power. Estab. 1892	52		52	8,090	7,000
OCONTO COMPANY, mfrs. lumber, lath and shingles. Nine buildings—one 3-st. frame; two 2-st. frame; four 1-st. frame; two 1-st. brick; one fire escape; fifteen boilers; three engines, 500 horse power. Estab 1865  Ordered alarm bell connections provided in planing mill. Note.—About 180 men work in saw mill, 50 in shingle mill, 25 in planing mill, and the rest in the yard. Boarding house connected. Accident.—A workman fell on a drive belt and had his arm badly bruised; firm paid him full wages while laid up.	895		895		
OCONTO COUNTY REPORTER, publishing and printing. On ground floor of 2-st. brick building; one boiler; one engine, 10 horse power. Estab. 1871.	10	2	12		
SPIES, JACOB, mfr. lumber. Five buildings—one 2 st. frame; three 1-st. frame; four boliers; two engines, 75 horse power. Estab 1859	40	<b></b>	40		
OCONTO FALLS-OCONTO COUNTY.	i	1	l	l	
Inspected November, 1893, by Zwaska.  FALLS MANUFACTURING CO., mfrs. sulphite wood pulp. Three plants, six buildings—one 2-st frame; twel-st. frame and stone; three l-st. frame; build ings bridged, second floor of one side of building on a level with ground; two bollers; 1,500 horse power (water). Estab. 1884	60		60		

Establishments Inspected.		Number of Employes.		Cost of new building im- nrov-ments.	or new
	Male.	Fem.	Total	Coat	יס זיסג. מלויוטיים
UNION MANUFACTURING CO., mfrs. lumber. One 1/4-st. frame building; 75 horse power (water). Estab. 1890	6		6		······ •
OGEMA-PRICE CO.		,			
Inspected February, 1894, by Van Etten.		ì			ŀ
HOLMES, B. M., mfr. lumber, lath and shingles. Four buildings—two 2-st. frame; two 1-st. frame; four boilers; two engines, 125 horse power. Estab. 1874.	45	· • • • • • • • • • • • • • • • • • • •	45		\$500
OLIVET-PIERCE CO.					i
Reported by firm January, 1894.					
HAWN, C.*A. & SONS, mfrs. lumber; two 2-st. frame buildings; one boiler; one engine, 60 horse power. Estab. 1884	9		9	•••••	<b>.</b>
OMRO-WINNEBAGO CO.					
Inspected October, 1898, by Van Etten.					
LEAMAN, E. R. BOAT CO, THE, mfrs. launches, row boats, etc. One 1 st. frame building; one boiler; one engine, 20 horse power. Estab. 1891	7	<i></i>	7	\$1,900	1,200
MORTON, E. C. & CO., mfrs sash, doors and mould- ings. Three buildings—two 2st. frame; one 1st. brick; one boiler; one engine, 35 horse power. Es- tab. 1881	8		8		
OMRO ROLLER MILLS, mfrs. flour and feed. Three buildings—one 2-st. frame; one 1-st. frame: one 1-st. brick and stone; two boilers; one engine, 80 horse power. Estab. 1889  Ordered a cover placed on a set of large gears in basement and a railing placed around fly wheel.		••••	5		6,000
SCOTT, H. E., mfr. lumber and shingles. Four buildings—one 2 st. and three 1-st. frame; three boilers; one engine, 85 horse power. Estab. 1867  Note.—Mill closed for the season at time of visit. Out for 1892 was 3,500,000 ft. lumber and 2,000,000 shingles.	35		85	200	550
ONALASKA-LA CROSSE CO.					
Inspected January, 1894, by Van Etten.  NICHOLS, C. H. LUMBER CO., mfrs. lumber, lath and shingles Nine buildings—one 2 st. frame, six 1-st. frame; two 1-st. stone: six boilers; three engines, 150 horse power. Estab. 1861  Output for 1892 was 16,000,000 ft. lumber, 8,000,000 lath and 12,000,000 shingles.	168	11	174	J	8, 500
OSHKOSH-WINNEBAGO CO.				ł	
Inspected Aug. and Sept. 1898, by Zwaska.				ł	ĺ
BANDEROB—CHASE CO., mfrs. furniture. Five buildings—two 4-st. frame; one 2-st. frame; one 1-st. frame one 1-st. brick; two wooden escapes and buildings bridged; two boilers; one engine, 185 horse power Estab. 1894.  Ordered two fire escapes erected, both to have platforms taking in two windows. Accidents.—A workman lost a finger on a jointer; two lost a finger a piece on a circular saw and one man fell from a ladder and was badly hurt. Condition of plant is	185	5	190	·••••	
good. Works temporarily idle at time of visit.	1	•	)	i	•

Establibilidhts Imsproted.	No.	NUMBER OF		of new ling im- ements.	Se mor
	Male.	Fem.	Total	Oust of building provems	8
BOYD MANUFACTURING CO., mfrs. wash boards and all kinds of wooden ware. One 2-st. brick build- ing; one boiler; one engine, 40 horse power. Estab. 1892.	10		10	\$3,000	<b>\$</b> 5,000
BRAND ROBERT & SONS, mfrs. office and saloon fur- niture. Two 3-st. frame buildings; buildings bridged; one boiler; one engine, 66 horse power. Estab. 1876. Ordered counter shaft and drive beit of sand paper machine boxed.	20	ļ	20	2,000	1,000
BUCKSTAFF—EDWARDS CO., mfrs. coffins, caskets, cane and wood seat chairs. Six buildings—one 5-st. frame; one 4-st., frame; two 3-st. frame; one 0-st. frame; two 6-st. frame; one 0-st. brick; one fire escape and buildings bridged; six boilers; two engines, 150 horse power.  Ordered three stairway escapes and one ladder escape erected and alarm bell connections provided between engineers' and operatives' rooms; also ordered exits to fire escapes cleared. Accidents.—A workman lost one finger on rip saw; another operating a self feed saw was struck on his hips by a board thying back from saw from effects of which he will be crippled for life.	230	50	280	8,500	2,000
CAMPBELL & CAMERON CO., saw mill. One 2-st. frame building; three boilers; one engine, 150 horse power. Estab. 1871.  Ordered a guard placed on bolting saw.	55		55		5,000
CAMPBELL & CAMERON CO., box factory. Three buildings—two 2-st. frame; one 1-st. addition; one boiler; one engine, 85 horse power. E-stab. 1871. Ordered a guard placed on rip saw and three boys under 14 years discharged. Accidents.—A man lost ane re white babitting a shart box he was casting the metal into the box, it flew out and burned his eye; another man cut his finger on a rip saw.	45	••••	45	8,000	••••••
CASKET HARDWARE CO. On second floor of 2-st. frame building; 5 horse power, furnished by Eagle Iron Works. Estab. 1898	18	1	14		2,000
OHALLONER'S, GEO., SONS CO., THE, mfrs shingle and mill machinery. Four buildings—one 1-st. stone; one 1-st. brick; two 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1887.  Note—Works temporarily idle at time of inspection.	60		60	1,000	••••••
CLARK CARRIAGE WORKS, mfrs. buggles and carriages. Three buildings—one 2 mt. frame; one 1-st. brick; one 1-st. frame; one boiler; one engine, 140 horse power. Estab. 1881	190	20 3-	140	••••	•••
Conless Lumber co., mfrs. lumber and shingles. Three buildings—one 2-st frame; two 1-st. frame; four boilers; one engine, 180 horse power. Estab. 1884	38		88		····· ····
CRESCENT STEAM LAUNDRY. On first floor 2-st. brick building; one boller; one engine, 5 horse power. Estab. 1889.	2	4	6		

Para service Property	NUMBER OF EMPLOYER.			F DOY	i i
Establishments Desperted.	Male.	Fęm.	Total	Cost of building provem	Cost of
DIAMOND MATCH CO. Ten buildings—five 2-st. brick; three 1-st. brick; two 1-st. frame; buildings bridged; three boilers; four engines, 115 horse power. Estab. 1881.  Ordered slarm bell connections provided. Accident. A workman lost part of one finger on a paper box machine.	65	260	825	\$11,C <b>0</b> 0	\$559
EAGLE IRON WORKS, general repairing. Three buildings—one 2-st. and two 1 st frame; one boiler; one engine, 25 horse power. Estab 1855	5		5		
FOOTE—CORNISH MILLING CO., grist mill. Two buildings—one 3-st. and one 1-st. brick addition; three boilers; one engine, 150 horse power. Estab. 1874.	7		7		
GAMBRINUS BREWERY, L. Kuenzei. Four build- ings—one 3-st. brick; two 2-st. frame; one 1 st. frame; one boiler; one engune, 15 horse power. Estab. 1875.	10		10		
GILLINGHAM & SON, mfrs. carriages, wagons and trucks. One 2-st. frame building and one boiler; one engine, 8 horse power. Estab 1861	8		8	4,000	! !
GOULD MANUFACTURING CO., mfrs. sash doors and blind. Six buildings—two 2st. frame; three 1-st. frame; one 2st. brick; buildings bridged; two boilers; one engine, 125 horse power. Estab. 1859 Accidents.—A workman lost part of his hand on a rip saw; another cut his hand badly, while trying to remove a sliver which was caught between saw and saw table.	90		90	8,500	1,500
GOULD MANUFACTURING CO., mfrs. lumber. One 2-st. frame building; four boilers: one engine, 80 horse power. Estab. 1869- Accidents.—A workman lost three fingers on a slab saw; another lost one finger on trimmer saw. Cut of mill for 1892 was 6,960,000 ft. lumber; 4,885,000 shingles; 1,083,000 laths; 20,000 pickets.	45		45	····	
HAFNER, LOTHMAN MANUFACTURING CO., mfrs. sash, door and blinds, Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; two boilers; two engines, 250 horse power. Estab. 1890 Ordered new cable placed on elevator.	150	2	152		
HAYS, E. B. MACHINE CO., mfrs. wood working machinery. One 2-st. frame building; 6 horse power furnished by J. A. Barnes. Estab. 1893	15		15	8,600	
HORN & SCHWALM, BROOKLYN BREWERY. Seven buildings—one 3-st. brick; two 2-st, brick; three 2-st. frame; one 1-st. brick; one boiler; one engine, 14 horse power. £stab. 1867	17	·•••	17		
LAABS FERDINAND, flour mill. Two buildings—one 8-st. and basement frame; one 1-st. stone addition; two boilers; one engine, 60 horse power. Estab. 1879	8		8		
McMILLEN R. & CO., mfrs. sash, door, blinds, mouldings, etc. Five buildings—three 3-st. frame; two 1.st. brick; two 1-st. brick; five boilers; one engine, 250 horse power. Estab. 1893	250	10	960	C	

Report of Inspection-Continued.

Establishments Improved.		NUARER OF EMPLOYES.			NU.GREE OF EMPLOYES.		Cost of new building im- provements.	M Bey
	Male.	Fem.	Total	Cost build prove	Cost			
McMILLEN R. & CO., mfrs. lumber. One 2 st. frame building; four boilers; one engine, 120 horse power. Estab 1:63	75	10	85					
MAPLE CITY CHAIR CO., mfs. chairs. Four buildings two 3 st. brick; one 2-st. frame; one 1-st. frame adjoining; one boiler; one engine, 35 horse power. Estab. 1886  Ordered one fire escar-e erected. Accident.—A workman had part of his thumb cut off by a band saw.	45	8	58					
MORGAN CO, THE mfrs. sash, doors and blinds Nine buildings—one 3-st. frame; six 2-st. frame; one 1-st. brick; one 1-st. frame; buildings bridged; four boilers, one engine, 500 horse power. Estab. 1869 Ordered new cable placed on elevator and permit for one bcy.	220	5	225	\$2,000	\$2,800			
MORGAN MATTRESS CO., THE, mfrs spring beds, mattresses, etc. Four buildings—one 2st. frame; one 2st. stone; one 1st. brick; one 1-st. frame; one boiler; one engine, 75 horse power. E-tab. 1892. Accident.—A workman lost his forearm in knives of rag picker machine. Note.—The firm carries insurance for the benefit of its employes.	24	21	45	1,800	2, 400			
NORTHWESTERN, THE (Hicks Printing Co.), Two buildings—one 2-st. brick building; one 1-st frame addition; one boiler; one engine, 12 horse power, Estab. 1849  Note.—The number of employes given includes 15 carriers.	48		48		••••			
NORTHWESTERN SEWER PIPE CO. Four buildings—one 2-st. and three 1-st. 'rame; one boiler; one engine, 25 horse power. Estab. 1884	11		11		••••			
OSHKOSH ELECTRIC LIGHT AND POWER CO. two 1-st. frame buildings; four boilers; eleven dyna- mos; four engines, 855 horse power. Estab. 1885	10		10	1,000	10,000			
OSUKOSH FURNITURE CO. Three buildings—one 5-st. frame; one 4-st. frame with a 4-st. and 2-st. adcition; one 1-st. brick, two iron and one wooden ladder and buildings bridged; one boiler; one engine, 150 horse power. Estab. 18-4  Ordered one fire escape erected on 4-st. building and platforms placed on the two ladders now up. Note—A complete system of automatic water sprinklers extends through the factory. No children employed. Idle at time of inspection.	130		180	1,500				
OSHKOSH GAS LIGHT CO. Two buildings one 2st. brick; one lst. brick and several sheds; one boiler two engines, 100 horse power. Estab 1866	6	 	6					
OSHKOBH IRON WORKS, general repairing and mirs, machinery. One 2 st. frame building with 1-st. addition; one boiler; one engine, 15 horse power. Estab. 1862	10		10	1,500	2,500			
OSHKOSH LOGGING TOOL CO. One 2-st. frame building with a 1-st. frame sheet iron veneered ad- dition; one boiler; one engine, 30 horse power, Estab. 1887.	18		18	   				
OSHKOSH MATCH WORKS. Five buildings, three i-st frame; one 2-st. frame; one 1st brick; one boiler; one engine, 80 horse power. Estab. 1892	Note.	<u> </u>	<u> </u>	. 6,000	18,000			

Establishments Inspected.			NUMBER OF EMPLOYES.    Number of Employes.   5 if 3 to 1 to 1 to 1 to 1 to 1 to 1 to 1 to				NUMBER OF EMPLOYES.		of new ng im- ments.	of new inery.
	Male.	Fem.	Total	Coat o buildi prove	Cost of new					
Note.—At time of inspection factory was not in running condition, they were at work placing the machinery in position; expect to employ from 80 to 100 employes, % of them will be female.										
OSHKOSH STEAM LAUNDRY, (Gillen Bros.) On first floor and in basement of 2-st. brick building; one boiler; one engine, 15 horse power. Estab. 1885,	8	17	20	\$10,000	\$3,000					
OSHKOSH TIMES, THE, E. W. Viall & C.), publishers and printers. One 2-st. and basement brick building; one boiler one engine, 12 horse power. Estab. 1882. Note.—The above number includes 13 carriers.	86	••••	86		•••••					
PAINE LUMBER CO., mfrs. sash, doors, blinds, mouldings, etc. Two buildings, one 3-st. frame, one 2-st. brick addition; six boilers; two engines, 740 horse power. Estab. 1863	830	23	352							
PAINE LUMBER CO., East Lumber Mill, mfrs. lumber, shingles, pickets, etc. Two £st. frame buildings and a brick addition; four boilers; one engine, 800 horse power. Estab. 1355	180	10	190	10,000	12,000					
PAINE LUMBER CO. West Lumber Mill, mfrs. lumber. One 2-st. frame building; two boilers; one engine, 100 horse power. Estab. 1855	60		60	••••						
RADFORD BROS. & CO., mfrs. sash, doors and blinds. Eight buildings—three 2 st., four 1 st frame; one 1 st. brick, including saw mill; ten boilers; two engines, 225 horse power. Estab. 1871  Ordered alarm bell connections provided; a guard was ordered placed on a boiling saw in planing mill; also ordered one boy of 18 years discharged.	200	12	212	•••••						
RELIANCE BOILER WORKS, mfrs. boilers and smoke stacks. One 1-st. frame building; 8 horse power furnished by Oshkosh Iron Works. Estab. 1889.  Accident.—A workman had his leg broken by heavy sheet iron rolling on him.	9		9	1,800						
SANFORD, A., LOGGING TOOL CO. Two buildings—one 1-st. frame; one boiler; one engine, 20 horse power. Estab. 1853	11	ļ	11							
SCHMIDT, H. P., mfr. flour. One 8-st. building with a 1-st. addition; two boilers; one engine, 150 horse power. Estab. 1883	6	 	6	••••						
SCHMIT BROS. TRUNK CO. (National Trunk Co.) Five buildings—one 4 st., one 8 st., one 2 st., one 1-st. frame, and one 1-st. brick addition; two boilers; one engine, 40 horse power. Estab. 1870. Ordered two fire escapes erected.	108	12	115							

Report of Inspection—Continued.

Retarraments Inspected.		Number of Employee.		Cost of new building im- provements.	of new
	Male.	Fem.	Total	SE S	8
STANHILBER, AMOS & CO., mfrs. lumber. Four buildings—one 2 st. three 1 st. frame; four bollers; one engine, 150 horse power. Estab. 1832. Cut of mill for 1832, was 6,500,000 feet lumber; 7,000,000 shingles; 2,000,000 lath; 144,000 pickets.	68	8	71		<b>\$</b> 5,000
STAR FOUNDRY & MACHINE WORKS, J. A. Barnes Prop., mfrs. steam engines, saw mill machinery, pumps, etc. Four buildings—two 2 st. two 1 st. frame; one boiler; one engine, 25 horse power. Estab. 1886. Note.—A fire in October, 1892, caused a loss on buildings of \$1,000.	21		21		600
STORR, D. C., FURNITURE CO, mfrs. furniture. One 4 st. frame building with a 2-st. brick addition; two wooden ladders; two boilers; one engine, 200 horse power. Estab. 1893	Note.			<b>\$</b> 40, <b>00</b> 0	20,000
STREICH, A. & BRO., mfrs. wagons. Two buildings— one 3-st. frame; one 1-st. stone; one fire escape; one boiler; one engine, 50 horse power. E-tab 1885	80		80		
STREICH GABRIEL, mfr. wagons, logging tools, etc. Six buildings - three 1-st. frame; three 1 st. frame; one boiler; one engine, 25 horse power. Estab. 1867.	28		28		
THOMPSON CARRIAGE CO., mfrs. spring wagons. One 3-st. frame building with a 1-st. brick addition; one boiler; one engine, 85 horse power. Estab. 1887. Ordered a guard placed around wheel machine an i a fire escape erected. Accident.—A workman had his arm broken by wheel machine. Note.—A fire March, 1892, destroyed the plant.	50	7	57		<b></b>
UNION BREWERY. Six buildings—one 8-st. stone, one 2-st. stone and brick; one 2-st frame; two 1-st. frame; one boiler; one engine, 10 horse power. Estab. 1869.	7		7	••••	
UNION IRON WORKS, Doman & Manuel, mfrs. saw mill machinery. Three buildings—one 2-st. frame; two 1-st. frame; one boller; one engine, 35 horse power. Estab. 1886	14	:	14	••••	
WILLIAMS & LIBBY LUMBER CO., sash and door factory. Six buildings—five 2-st. frame; one 1-st. brick; four boilers; one engine, 175 horse power. Estab. 1866	174	1	175	••••	
WILSON, ANDREW, mfr. "Climax" spring wagons. One 2st. brick lined frame building; hand power. Estab. 1882	9	<b></b> .	9		

Establishickets Despected.				NUMBER OF EMPLOYES.		EMPLOYEE.		r north	
	Male.	Jem.	Total	Cost of buildin proven	Oost				
WISCONSIN TELEGRAPH, THE, weekly English and German newspaper. One 2-st. brick building; one boiler; one engine, 4 horse power. Estab. 1866.	6	6	12		\$1,600				
PARK FALLS—PRICE CO.									
Inspected February, 1894, by Van Etten.  PARK FALLS LUMBER & PULP CO., mfrs. lumber, lath and shingles. Six buildings—one 3 st. frame; three 2-st. frame; two 1-st. frame; five boilers; two engines. 165 horse power. Estab. 1895.  Accident.—A workman was fatally injured in June, 1892, being struck by a slab that was caught by the carriage. He died a few days after being injured. Note.—A fire in Jan., 1893, destroyed the puip mills.	88	4	9/8	\$6,000	7,000				
PERKINSTOWN-TAYLOR CO.									
Inspected February, 1894, by Van Etten.  SHAW, T. F. M & F. D., mfrs. non-acid hemlock sole leather. Six buildings—one 2-st. frame; five 1-st. frame; six boilers; three engines, 180 horse power. Estab. 1891  Accident—A workman lost an eye, being struck by a piece of flying steel. Output for 1893 was 75,000 sides of sole leather.	117	••••	117	22, 500	10,600				
PESHTIGO-MARINETTE CO.									
Inspected October, 1893, by Zwaska.  PESHTIGO LUMBER CO., THE (Plant A.), mfrs. lumber, lath and shingles; three buildings—one 3-st. frame; one 1-st. brick; eight boilers; two engines, 255 horse power. Estab. 1866	200		200						
PESHTIGO LUMBER CO., THE (Plant B.), mfrs. lumber. Five buildings—two 2-st. frame; three 1-st. frame; 500 horse power. Estab. 1868	95		928		3,000				
PHILLIPS-PRICE CO. Inspected February, 1894, by Van Etten.	1	1							
DAVIS, JOHN B., LUMBER CO., mfrs. lumber, lath, shingles and boxes. Eleven buildings—two 2-st. frame; two 2-st. brick; seven 1-st frame; fourteen boilers; five engines, 1,000 horse power. Estab. 1883.  **Accidents.**—The night watchman was killed by being run over by a locomotive in the mill yard. A boy was killed in 1892, in the box factory, by being caught on shafting. Note.—This company owns and operates twenty-nine miles of logging railroad, using two locomotives and sixty-one cars.		2	366	1,000	7,500				
KIMBALL, W., mfrs. non-acid hemlock sole leather. Five buildings—one 2-st. frame; four 1-st. frame; six bollers; three engines, 110 horse power. Estab. 1892. Capacity, 180,000 sides of sole leather annually.	180	<b></b>	180	27,000	15,000				
PHLOX-LANGLADE CO.	1			ł					
Inspected Oct., 1893, by Van Etten.  LUTHER, HENRY & CO., THE, mfrs. hard-wood lumber and broom handles. Two 1st. frame buildings one boiler; one engine, 35 horse power. Estab. 1993.	6	ļ	6		500				

Report of Inspection-Continued.

Espandentes Inspected.	NUMBER OF			of new ting im- ements.	Cost of new machinery.
	Male.	Fem.	Total	Cost of producing provense	HO
PITTSVILLE-WOOD CO.		1	}	İ	
Inspected March, 1894, by Van Etten.		İ			
DOUD SONS & CO., mfrs. flour barrel stock and lumber. Three 1-st. frame, buildings; two boilers; two engines, 25 horse power. Estab. 1888	85		85	<b>\$2</b> , 500	\$8,500
SMITH BROS., mfrs. lumber, flour and feed. Three, buildings—one 2st. frame; two 1-st. frame; one boiler; one engine, 40 horse power. Estab 1889	9	<b></b> .	9	150	. 1,000
WHEELIHAN, W. P., mfrs. lumber, lath and ahingles. Three 1-st. frame buildings; one boiler; one engine, 90 horse power. Estab. 1886	80	ļ	30		
PIUS—SHEBOYGAN CO.		1		i	
Reported by firm.					
HERATY & GRAHAM, mfrs. lumber. Two 1-st. frame buildings; one boiler; one engine, 25 horse power. Estab. 1885	6	ļ	6		····
PLATTEVILLEGRANT CO.		ľ	ĺ		
Inspected March, 1894, by Van Etten.	1				
DICKENSON & STEVENS, mfrs. tire setters and fellow oilers. One 2 st. brick building; hand power.  Estab. 1894	6	ļ	6	ļ	750
KABRMANN & SONS, mfrs. cigars. One 2-st. brick building; hand power. Estab. 1884	6		6		
LAFLIN & RAND POWDER CO. Sixteen buildings— two 2st. frame; five 1-st. brick; nine 3 st. frame; one bolier; three engines, 75 horse power. Estab. 1846	20		30	1,200	4,400
Output of mill for 1892 was 1,953,175 lbs. powder.	~		~	1,200	7,200
PLATTEVILLE BREWERY. Six buildings—one 3-st. brick; two 3-st. frame; two 1-st. stone; one boiler; one engine, 20 horse power. Estab. 1863	10		10	1,700	2,000
STCKLE, M. S. & CO., mfrs. cigars. One 8-st. brick building; hand power. Estab. 1874	80	6	86		
PLOVER-PORTAGE CO.	1	Ì			1
Inspected January, 1894, by Van Etten.  PLOVER PAPER CO., mfrs. fine book and writing paper. Five buildings—two 2-st. brick; two 2-st. brick; one 1-st. brick; two boilers; 1,500 horse power (water). Estab. 1894	40	50	90	10,000	85,000

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Establishments Insproved.	Number of Employee.			of new ing im- ementa	od mer
_	Male.	Fem.	Total	Cost of a building provemen	Con
WISCONSIN RIVER PAPER AND PULP CO., mfrs. paper and pulp. Three buildings—one 1-st. brick; two 1-st. frame; three boilers; 2,709 horse power (water). Estab. 1892 Output for 1892 was 11,500,000 lbs. paper, 14,600,000 lbs. pulp.	140	16	156	<b>\$90</b> ,000	\$80,000
PLUMMER.—IRON CO.					
Reported by firm.					
BOHN MANUFACTURING CO., mfrs. lumber, lath and shingles. One 2-st. frame building; four boilers; two engines, 125 horse power. Estab. 1891	48	2	50	5,000	
PLYMOUTH-SHEBOYGAN CO.					
Inspected Oct., 1898, by Zwaska.					
PEERLESS CHAIR CO. Four buildings—two 2-st. frame; one 1-st. brick; one 1-st. frame; one boiler; one engine, 24 horse power. Estab. 1890	10	2	12	•••••	
PHCENIX TABLE CO., mfrs. extension tables and stands. Three buildings—two 8-st. frame; one 1-st. brick; one boiler; one engine, 25 horse power. Estab. 1891.	10		10		
Ordered pulleys and belt of cut off saw on first floor guarded. Accidents.—A boy was struck by a fly- ing piece from a rip saw and badly hurt about the head; another workman fell on a rip saw and had his hand split open					
PLYMOUTH BREWING CO. Four buildings—three 2-st. brick; one 1-st. frame; one boiler; one engine, 30 horse power. Estab. 1879	9		9	5,000	6,000
PLYMOUTH MANUFACTURING CO., mfrs. furni- ture. Three buildings—two 3-st. frame; one 1-st. brick; two boilers; one engine, 156 horse power. Estab. 1886	96		96		••••
SCHRAM & HUSON CHAIR CO., mirs, chairs. Threbuildings—two 3-st. frame; one 1-st. brick, building bridged; one boiler; one engine, 100 horse power. Estab. 1888	60	5	65	••••	••••
SCHWARTZ, WM MANUFACTURING CO., mfrs. wardrobes, book cases and kitchen furniture. Four buildings—two 2-st. frame; one 1-st. frame; one 1-st. brick, buildings bridged; one boiler; one engine, 65 horse power. Estab. 1692	80		30	4,000	5, 400
THURMAN, F. & CO., mfrs. feed cutters, horse powers, seeders, etc. Three 1-st. brick buildings; one boiler; one engine, 20 horse power. Estab. 1887	6		6		
POPLAR—DOUGLAS CO.					
Reported by firm.					
CHASE, J. E., mfr. lumber. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine, 5 horse power. Estab. 1885.	90		90	•••••	•••••
PORTAGE—COLUMBIA CO.					
Inspected March, 1898, by Van Etten.	i	J			
BREESE, LOOMIS & OO., mfrs. clothing. One 8-st. brick building; one fire escape; hand power. Estab. 1868.	17	7	94		

Report of Inspection—Continued.

Repartments Inspected.		THE ER		of new ling in-	of mew
	Male.	Fem.	Total	Cost of building provens	ON
CARROLL & BUCKLEY, mfrs. clothing. One 2-st. brick building; hand power. Estab. 1869	25	8	88		
OHICAGO, MILWAUKEE & ST. PAUL RY. REPAIR SHOPS. Four buildings—one 2 st. stone; two 1-st. brick; one 1-st. frame; two boilers; one engine 10 horse power. Estab. 1864.	45		45		
EULBERG BROS., brewers. Five buildings—one 3-st. brick; three 2-st. brick; one 1-st. frame; one boiler; one engine, 10 horse power. Estab. 1884	8		8		
FALCONER & BOYNTON MANUFACTURING CO., mfrs. shirts, overalls, etc. One 2-st. brick building; one boiler; one engine, 6 horse power. Estab. 1879	14	40	54	,	\$875
PORTAGE DEMOCRAT, printing and publishing. One 2-st. brick building; one water motor, 3 horse power.  Estab. 1877	7	2	9		2,000
PORTAGE HOSIERY CO., mfrs. yarns, hosiery and mittens. Seven buildings—two 2-st. brick; two 2-st. frame; two 1-st. brick; one 1-st. frame; one boiler; one engine, 30 horse power. Estab. 1877.	19	116	185	\$6,000	<b>3,</b> 100
PORTAGE STEAM LAUNDRY. Two buildings—one 3-st. brick; one 1 st. brick; one boiler; one engine, 8 horse power. Estab. 1887	8	6	. 8		
PORTAGE UNDERWEAR MANUFACTURING CO., mfrs. fine grades ribbed underwear. One 2-st. brick building; one gas engine, 3½ horse power. Estab. 1891	4	17	21		8,100
WISCONSIN STATE REGISTER, printing and publishing. One 2st. brick building; one gas engire, 7 horse power. Estab. 1861	8	2	5		••••
YORK, I. W. & CO., mfrs. flour and feed. Two buildings—one 1-st. frame; one 1-st. brick; one holler; one engine, 85 horse power. Estab. 1888	7		7	200	1,000
PORT EDWARDS-WOOD CO.					i
Inspected September, 1898, by Van Etten.  EDWARDS, JOHN, MANUFACTURING CO., mfrs. humber, lath and shingles. Nine buildings—four 2-st. frame; five 1-st. frame; one boller; 450 horse power (water). Estab. 1854	185	1	186	1,500	4,500
PORTER'S MILLS—EAU CLAIRE CO.  Inspected May, 1893, by Van Etten.  NORTHWESTERN LUMBER CO., mfrs. lumber, lath and shingies. Twelve buildings—six 2 st. frame; two 1-st. stone; four 1 st. frame; fifteen boilers; eight engines, 599 horse power. Estao. 1859	870	8	878	4,200	2,000

Establishments Despected.		Number of Employes.			of new
	Male.	Fem.	Total	Cost of new building improvements.	Cost of machine
PORT WASHINGTON—OZAUKEE CO. Inspected Sept., 1893, by Van Etten.  BARTH BROS., MANUFACTURING CO., mfrs. cheese boxes, dry measures, etc. Three buildings—one 2-st. frame; one 2-st. brick; one 1-st. frame; one boiler; one engine, 50 horse-power. Estab. 1884 Ordered alarm bell connections provided.	40		40	\$1,200	\$190
BIEDERMANN G. & CO., browers. Two buildings—one 2-st. brick; one 1-st. frame; one boiler; one engine, 35 horse power. Estab. 1881	12		12	800	10,000
GILSON MANUFACTURING CO., foundry and machine shop. Three buildings—one 2-st. frame; one 1-st. frame; one 1-st. frame; one en gine, 10 horse power. Estab. 1851	25		25	600	2,400
GUENTHER. G. & SON, mfrs. cream colored brick. One 1-st. frame building: two boilers; two engines, 38 horse power. Estab. 1885	15		15		
MOLLINGER & PROME CO., mfrs. office furniture. Two buildings—one 1-st. frame; one 1-st. brick; one boiler; one engine, 35 horse power. Estab. 1834	25		25		<b>.</b>
MUELLER, C. A., mfrs. leather. Three buildings—one 3 st. brick; one 2-st. frame; one 1-st. brick; one boiler; one engine, 20 horse power. Estab. 1870.	20		20	·	
STELLING & HACKENDAHL, merchent millers. Three buildings—one 3-st. brick; one 2-st frame; one 1-st. stone; one boiler; one engine, 100 horse power. Estab. 1883	6		6		
WESTERN MALLEABLE & GREY IRON MFG. CO., founders and machinists. Four 2-st. stone buildings; two boilers; one engine, 40 horse power. Estab. 1871.	70	<b>.</b>	70		
WISCONSIN CHAIR CO., mfrs. upholstered and wood seat chairs. Six buildings—one 1-st. frame; two 3-st. brick; one 3-st. frame; one 1-st. brick; one 1-st. frame; one fire escape; one stairwsy scape; two boilers; three engines; two dynamos, 280 horse power. Estab. 1888  Ordered two boys under 14 years of age discharged; also an outside stairway erected on three story factory. Note.—Everything possible seems to be done on part of owners to provide against accidents. The buildings are equipped with automatic water sprinklers and the rooms heated by a system of hot air. Firm also furnishes electric light for the city.	1	45	360	16,000	18 <b>,600</b>
POTOSI-GRANT CO.  Reported by Firm.  SCHUMACHER, ADAM, brewer. One 3 st. stone building, one boiler; one engine, 15 horse power. Extab. 1886  PRAIRIE DU CHIEN-CRAWFORD CO. Inspected April, 1893, by Van Etten.  CHICAGO, MILWAUKEE & ST. PAUL R'Y SHOPS. Three buildings-one 1-st. stone; one 1-st. brick; one 1-st. frame; one boiler; one engine, 40 horse power.	10		10		2,000
Estab. 1857	l 16	•••••	l 16	•••••	

Establishments Improved.	NUMBER OF EMPLOYES.			Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost of ne building ir provemen	Cost
HORSFALL, D. F., mfrs hard wood lumber. Two 1-st. frame buildings; one boller; one engine, 30 horse power. Estab. 1892	15		15	\$1,000	\$8,000
HUNTING ELEVATOR CO., brick elevator 85 feet high and one 1-st. engine house; one fire escape; one boiler; one eng.ne, 100 horse power. Estab. 1884	10		10		
INTER-STATE PACKING CO., mfrs. kraut, pickles, canned goods, etc. Three buildings—one 1:st and basement frame; two 1-st. frame; one boiler; and engine, 18 horse powsr. Estab. 1889 Ordered main doors changad to swing outward. Note. The works run about seven months in the year commencing June 1st. and closing Dec. 1st.	40	86	125	300	1,800
PRAIRIE DU CHIEN MANUFACTURING CO. mfrs. general cooperage. Five buildings—one 2-st. frame; four 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1890 Ordered one boy under 14 years discharged. Accident.—A boy lost one finger on a saw while removing saw dust.	20		20	*****	250
PRAIRIE DU CHIEN WOOLEN MILL CO., mfrs. fianne's. Two buildings—one 3-st. stone; one 2-st. stone; one boiler; one engine, 25 horse power. Estab. 1891.	8	18	21		8,149
SCHUMANN & MENGES BREWING CO. Three buildings—one 1-st. brick; one 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1572  Note — A fire in February, 1592, caused a loss of \$100.00.	8		8	800	
STAUER & DAUBENBERGER, mfrs. lumber, lath and shingles. Two buildings—one 2-st. frame; one 1-st. frame; seven boilers; one engine, 300 horse power. Estab. 1873	120	5	125		
PRENTICE—PRICE CO.  Inspected February, 1894, by Van Etten.  JUMP RIVER LUMBER CO. Eight buildings—three 2. st. frame; five 1-st. frame; seven boilers; two engines, 250 horse power. Estab. 1892  Accidents.—A workman lost his right hand in gearing to live rollers, a boy lost his right hand on lath saw, a workman lost an eye by band saw breaking and a piece striking him, another lost an eye by a piece of a broken belt striking him. Note.—This company owns and operates eight miles of logging R. R., using one locomotive and	200		200	8,500	4,200
miles of logging R. R., using one locomotive and eight cars.  U. S. LEATHER CO., mfrs. sole leather. Nine buildings—one 4-st. frame; one 8-st. frame; seven 1-st frame; four boilers; three engines, 575 horse power. Estab. 1891.  Note.—A fire in October, 1891, destroyed leach house, cooler room and bark mill, causing a loss of \$12,000.	100		100	4,000	6,600
PRESCOTT-PIERCE CO.  Inspected April, 1893, by Van Etten.  DUDLEY, JOHN, mfr. lumber. Four builjings— one 3-st. frame; one 2-st. frame; one 1-st. frame; six bollers; three engines, 250 horse power. Estab. 1805	40		40		

Establishicures Improved.		MPLOT		of new ing im- ments.	1.i.
	Male.	Fem.	Total	Cost of building proven	81
PULCIFER-SHAWANO CO.  Reported by firm.  BERGNER, L')UIS, saw mill and grist mill. Buildings not described. Water power, 90 horse power.					<del></del> -
RACINE—RACINE CO. Inspected March, 1893, by Zwaska.	18	•••••	18		············
ACME ADJUSTABLE POLE CO., mfrs. the "Holmes" adjustible folding pole. Two buildings—one 8-st. frame; one 1-st. frame; power furnished by the Beile City Box Factory, 15 horse power. Estab. 1892	8	••••	8		\$1,500
ALSHULER CHAS. A. MANUFACTURING CO., mfrs. overalls and shirts. Three buildings—two 2-st. frame; one 1-st. brick; one boller; one engine 25 horse power. Estab. 1884	9	111	120	\$4,000	1,900
ALTRINGER, C., mfr. excelsior fanning mills. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine, 8 horse power. Estab. 1869	6	•••••	6		• • • • • • •
ANSTED & HIGGINS SPRING CO., mfrs. carriage springs. Three buildings—one 2-st. frame; one 1 st. frame; one 1 st. brick; one boiler; one engine, 65 horse power. Estab. 1885	60		60	•••••	•••••
BADGER ELECTRIC CO., electric lighting. One 1 st. brick; five boilers; two engines; seven dynamos, 700 horse power. Estab. 1884	10		10	1,200	7,000
BAND CUTTER & SELF FEED CO. Two buildings—one 2-st. frame; one 1-st. brick; one boiler; one engine 20 horse power. Estab. 1872	8	•••••	8	•••	••••
BEEBE MANUFACTURING CD., mfrs. carriage poles and road wagons. Four buildings—two 2-st. irame; one 1 st. brick; one 1-st. frame; one boiler; one engine, 75 horse power. Estab. 1892	55	••••	55	14,000	6,000
BELLE CITY PACKING BOX CO. Two buildings—one 1-st. frame, one boiler, one engine, 35 horse power. Estab. 1891	7	•••••	7	•••••	_ 1,000
BELLE CITY MALLEABLE IRON CO., mfrs. malleable iron castings and wrought iron goods. Three 1-st. frame buildings; two boilers; one engine, 65 horse power. Estab. 1893	100		100	7,000	5,000
BELLE CITY MANUFACTURING CO., mfrs. agricultural implements. Six buildings—two 3-st. brick; one 1 st. brick; three 1-st. frame; one boiler; one engine, 50 horse power. Estab. 1893	100	••••	100	500	500

Establishments Inspected.		NUMBER OF EMPLOYES.				of new ng im- ments.	of new heary.
	Male.	Fem.	Total	Cost of n building	Cost of machin		
BELLE CITY STREET RAILWAY CO. Four buildings—one 2-st. brick; one 1-st. brick; three boilers; one engine, three dynamos, 250 horse power. Estab. 1892.  Note.—Firm employ about 40 men running electric cars.	15		15	\$18,000	\$19,000		
BUSE & WILLIAMS, steam laundry. Two buildings—one 8-st. brick; one 1-st. frame; one boiler; one engine, 15 horse power. Estab. 1887.  Ordered a guard placed on steam mangle. Accident.—A girl of 18 years, waile operating a steam mangle had her hand drawn between rollers and ironing table. By which four fingers were found burned and crushed necessitating amputation.	5	80	<b>3</b> 5				
CASE J. I. PLOW WORKS. five buildings—two 8-st. brick; one 2-st. frame; two 1-st. brick; three fire escapes; buildings bridged; three boilers; one engine, 300 horse power. Estab. 1879.  Accident.—A workman had his hands crushed in the gears of a punching machine.	850		850	4,000	6,000		
CASE, J. I., THRESHING MACHINE CO. Fourteen buildings—four 4-st. brick; three 8-st brick; two 3-st. brick; three 3 st. frame; two 1-st. brick; seven fire escapes; buildings bridged; six boilers; four engines, 550 horse power. Estab. 1848	836		886		10,000		
CHICAGO, MILWAUKEE & ST. PAUL RAILWAY SHOPS. Five buildings three 1-st. frame; two 1-st. brick; one boiler; one engine, 40 horse power. Estab. 1886.  Accident.—A workman lost three fingers by getting them caught between round house door and tender frame of locomotive.	80		80				
CHICAGO RUBBER CLOTHING CO. Four buildings—one 8-st. brick; one 2-st. brick; one 1-st. brick; one 1-st. brick; one 1-st. brick; one engine, 185 horse power. Estab. 1887	40	95	185		10,000		
CITY BREWERY & MALT HOUSE. Eight build- ings—one 4 st. brick; one 3 st. brick; two 2 st. brick; one 2 st. frame; two 1 st. trame; one 1 st brick; two bollers; two engines, 135 horse power. Estab. 1875	222		23	4,000			
DICKEY, A. P., MANUFACTURING CO., mfrs. agricultural implements. Four buildings—three 3-st. brick: one 1-st. brick: one boiler; one engine, 45 horse power. Estab. 1845	40		40				
DRIVER & SONS MANUFACTURING CO., mfrs. interior and exterior wood work. Four bulldings—one 8-st. brick: two boll-ers; two engines, 83 horse power. Estab. 1866 Ordered set screws on line shaft of turning lathe covered; also slarm bell connections provided between operatives' and engine room.	70		70	••••	· <b></b>		

Establishments Inspected.	Number of Employee.			TOTHE TOTHE	
	Male.	Fem	Total	Profes	HOUSE
EISENDRATH, B. D. & CO., mfrs. leather. Four buildings—one 5.st. brick; one 25 st. frame; two 1.st. frame; two fire escapes; two boilers; one engine, 100 horse power. Estab. 1886	189	11	150	\$30,000	\$15,000
CLLINGER, A. & CO., mfrs. cloaks. Two buildings—one 2-st. brick: one 1-st. brick; one boiler; one en gine, 25 horse power. Estab. 1887 Note.—Firm employs 150 persons who work at home.	24	201	225	••••	
EMERSON LINSEED OIL WORKS. One 4-st. brick building; one boiler; two engines, 76 horse power. Estab. 1872.	12		12		2,50
FISH BROS WAGON CO. Six buildings—three 8-st. brick; two 2 st. frame; one 1-st. frame; two fire escapes; buildings bridged; two boilers; one engine, 200 horse power. Estab. 1863.  Ordered to guard or case in all counter shafting and pulleys on floor in shapper and saw room; guard drive belt running new sticker and provide shifter for same; cap set screws on counter shaft of new rip saw. also set screws on counter shaft of new rip saw. also set screws on counter shaft of new rip saw. also set screws on counter shaft of mear loose pulley driving gem machine, also on morties machine in light wagon department; cap set screws on counter shaft or rip saw in box department; provide guard on rip saw in light wagon shop and electric alarm bells between machine shops and engine room. Accidents.—A workman lost two fingers on jointer; another was caught by set screws on saft of drill of morties.	808		803	21,000	5,00
lost two fingers on jointer; another was caught by set screw on shaft of drill of mortise machine forcing the bit through his arm. Note.—This firm is about to remodel its entire plant. A large 8-st. brick structure, at a cost of \$19,000, is in course of completion. Forty thousand dollars will be expended during the year, which will add largely to the producing capacity. Although extra precautions are taken by the firm to guard against accidents, the wood working machine department can not be reported in good and safe condition by reason of the overcrowded condition of machinery and material and lack of light. Considerable complaint is made by employes of the volume of dust caused by machines in these departments. The blacksmith shops are also prorly ventilated, but will soon be moved into new quarters.					
ISHER & LANDON, steam laundry. One 2-st. brick building; one boiler; one engine, 7 horse power. Estab 1892	2	6	8		1,:
OSTER & WILLIAMS MANUFACTURING CO., mfrs. agricultural implements. Four buildings—two 2-st. frame; one 1-st. brick; one 1-st. frame; one boiler; two engines, 30 horse power. Estab. 1881	60		60	••••	2,
REEMAN & SONS MANUFACTURING CO., mfrs. agricultural implements. Six buildings—one 8-st. brick; one 8-st. and basement brick and frame; one 2-st. frame; three 1 st. frame; outside stairway and wooden ladders; one boiler; one engine, 100 horse power. Estab. 1899	160	••••	160	9,000	

Report of Inspection—Continued.

Establishments Despected.	N1	NUMBER OF EMPLOYES.		of new ing im- ments.	Cost of new machinery.
	Male.	Fem.	Total	Cost of n building i provemen	Cost
brick; one boiler; one engine, 25 horse power. Etab. 1891	11	8	4		•
GUNTHER CO., THE, machine and iron works. Three buildings—one 2-st. brick; two 1 st. brick; one boiler; one engine, 6 horse power. Estab. 1860	5		5		
HARTMAN TRUNK CO., Three buildings—two 2-st brick; one 1-st. brick; buildings connected by iron bridges; one boiler; one engine, 60 horse power. Estab. 1890	80	10	90	<b>\$7,</b> 500	
HEDSTORM, E. L. & CO., coal dealers. Two 1 st. frame buildings: two boilers; two engines, 60 horse power. Estab. 1881	21		21		
HERZOG, P. A., mfr. flour. Two buildings—one 4-st. one 2-st. brick; one fire escape; one boiler; one engine, 86 horse power. Estab. 1876  Ordered one large pully on main shaft on second floor cased in, also covers placed over gears on same floor.	8	••••	8		······
HORLICK'S FOOD CO., mfrs. maited milk, invalids and infants' food. Seven buildings—three 8-st. brick; one 4-st. brick; two 2-st brick; one 1-st brick; five boilers; three engines, 180 horse power. Estab.	60	10	70	<b>22, 000</b>	<b>\$</b> 3,500
HURLBUT CO. THE, mfrs. brass and iron castings. Six buildings—two 2-st. brick; two 2 st. frame; two 1-st. frame; two boilers; two engines, 130 horse power. Estab. 1872	145		145	10,000	8,000
JOHNSON & FIELD CO., mfrs. "Racine" dusters, separators and fanning mills. Five buildings—three 2 st. frame; one 2-st. brick; one 1-st. brick; one boiler; one eagine, 50 horse power. Estab. 1876	28		28		75%
JOURNAL PRINTING CO. One 2-st. brick building; one gas engine, 10 horse power. Estab. 1856	22	10	82		5, 200
LANG MANUFACTURING CO. THE, machine shop One 2-st. frame building, power furnished by Austed & Higgins, 15 horse power. Estab. 1898	5		5		1,608
LATHROP W. H., mfr. chemical sand brick. Two buildi ge—One 2-st. brick; one 1-st. frame; one boiler: one engine, 60 horse power. Estab. 1892 Ordered guards placed around crank and fly wheel of engine and fly wheel and gears of press,	15		15	8,500	5,000

Zetablihments Improved,		Number of Employee.						of new ng im- menta.	nery.
	Male.	Fem.	Total	Cost of r building provemen	Continued				
MADSON A., mfr. leather. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine, 15 horse power. Estab. 1869. Ordered a railing placed around head of stairway on upper floor.	6		6		••••				
MELISSA PROOFING WORKS, proofing cloth. One 2-st. brick building, power furnished by Ellinger & Co.; 2 horse power. Estab. 1892	1	4	5	<b>\$</b> 5,000	\$1,500				
MILLER J. CO., mfrs. boots and shoes. Two buildings—one 8.st. brick; one 1.st. brick; two fire escapes; two boilers; one engine, 50 horse power. Estat. 1970. Ordered a guard placed around fly wheel of engine and five boys under 14 years, discharged.	195	125	890		1,500				
MITCHELL & LEWIS CO., (Limited,) mfrs. farm and spring wagons. Eleven buildings—two 5-st. brick; one 4-st. brick; two 8-st. brick; tone 4-st. brick; two 8-st. brick; tone 1-st. brick; nine fire escapes; six boilers; three engines, 176 horse power. Estab. 1855	302	5	807	18,000	2,500				
PALICA F. J. CO., mfrs. trunks. Four buildings—one 3-st. brick; one 3-st. iron; one 1-st. brick; one 1-st. frame; one builer; one engine, 10 horse power. Estab. 1884  Note.—Since inspection firm name changed to The Common Sense Trunk Co.	60	5	65	••••					
PEASE E. H. MANUFACTURING CO., mfrs. grain cleaning machinery. Two buildings—one 8-st. brick; one 1-st. brick; one boller; one engine, 50 horse pow- er. Estab. 1886	81		81		800				
PHILBROOK L. W. & CO., mfrs. boots, shoes, pacs, wigwam slippers, etc. Four buildings — two 8-st. frame; one 1-st. brick; two boilers; one engine, 30 horse power. Estab. 1872	538	26	78	<b>400</b>	700				
PLATZ F. SONS LEATHER CO. Three buildings—one 2-st. frame; one 1-st. frame; one 1-st. brick; one boiler; one engine, 30 horse power. Estab. 1860 Ordered main belt and fly wheel in engine room guarded and alarm bell connections provided between tan yard and engine room.	96		26	. 8, 000					
RACINE BASKET MANUFACTURING CO. Eight buildings-one 3-st. brick; three 2 st. brick; two 2-st. frame: one 1-st. brick; one 1 st. frame; one iron ladder; one boller; one engine, 275 horse power. Kstab, 1869.  Ordered platform placed on fire escape at third floor, and two boys under 14 years discharged.	149	1	150	8, 000	18,000				
RACINE CEMENT AND PIPE CO. Three buildings—two 1-st. frame; one 1-st. brick; hand power. E3tab. 1875	25		25						
RACINE GAS LIGHT CO. Three buildings—two 1-st. brick; one 1-st. frame. Esta b. 1854	8		5						
RACINE HARDWARE MANUFACTURING CO. m'rs. school, church, hall and railway furniture, steam yachts, row boats, steam pumps, bollers, etc. Eighteen									

Establishment Inspected.	No.	Number Employe		786L   AT. 25	
	Male.	Fem.	Total	Cost of building provens	Cost of
buildings—one 4-st. brick; two 8-st. brick; seven 2-st. brick; two 2-st. frame; four 1-st. brick; two 1-st. frame; two iron and two wooden fire escapes; one outside elevator; four boilers; five engines, 247 horse power. Estab. 1874	825		325	<b>\$</b> 5,000	\$5,000
RACINE KNITTING CO. Two buildings—one 8-st. brick; one 1-st. brick; one outside stairway; one boiler; one engine, 25 horse power. Estab. 1889	12	48	60		•••••
RACINE MALLEABLE & WROUGHT IRON CO. Six buildings—one 8-st. brick; one 2-st. brick; two 1-st. brick; two 1-st. frame; one boiler; one engine, 50 horse power. Estab. 1870  **Accident.**—An employe met with death by being caught in shaft of tumbling mill; the firm paid all funeral expenses and his fellow workmen subscribed \$200 to support of his family. **Note.**—A fire in February, 1-33, damaged plant to the extent of \$11,000	2230		2240	10,000	15,000
RACINE NAIL AND TACK CO. Two buildings—one set. frame; one 1-st frame; one boiler; one engine, 30 horse power. Estab. 1890	18		18	250	2,500
BACINE PLANING MILL AND MANUFACTURING CO. One 2st. brick building; one bolier; one engine, 44 horse power. Estab. 1891.  Ordered a guard placed in front of fly wheel in engine room, one rip saw boxed, overhead drive bet running line shaft above planers boxed, and guards placed on two rip saws.	15	····	15	15,000	1,200
BACINE TRUNK CO. Three buildings—two 3-st. brick; one 1-st. brick; one boiler; one engine, 50 horse power. Estab. 1884	00		65	1, 800	•••••
RACINE WAGON AND CARRIAGE CO. Thirteen buildings—four 4-st. brick; four 2-st. frame; four 1-st. brick; one 1-st. frame; one fire escape; one outside stairway; buildings bridged; two bollers; two engines, 250 horse power. Estab. 1869	691	89	658		
BACINE WOOLEN MILLS, mfrs. woolen cloth and shawls. Four buildings—one 4-st. brick: one 8-st. brick; two 2-st. brick; three fire escapes; two boilers; one engine, 100 horse power. Estab. 1865	50	100	150		•••••
BACINE WRENCH CO., mfrs. "Rider" patent lightning wrench. One 2-st. frame building. Estab. 1892 Note.—Since inspection firm has made an assignment.	6	<b>.</b> .	6		1,600

Establishments Inspected.		Number of Employee.		Number of Employee.			
	Male.	Fem.	Total	Cost of 5 building provement	011		
ROBERTS JOHN M., m'r. cut stone and contractor. One 1 st. frame building; one boiler; one engine, 35 horse power. Estab. 1886	15		15	<b>\$5</b> 00	\$5,000		
SECOR M. M. TRUNK CO. Six buildings—two 4-st. brick; three 3-st. rick; one 2-st. frame; four fire escapes: two boilers; one engine, 150 horse power. Estab. 1861.  Condemned cable on elevator in trunk department, and ordered obstructions removed from exits to fire escapes.	240	18	258	•••••	••••		
STECHER, WEBER & HUETTEN MANUFACTUR- ING CO., mfrs. interior and exterior wood work. Three buildings—one 3 st. brick: one 2 st brick; one 1-st. brick; two boilers; one engine, 150 horse power. Estab. 1876 Accidents.—One employe lost two fingers on a rip saw, another lost one finger on jointer.	50		50	•••••	600		
TIMES PUBLISHING CO., THE. One 2-st. brick building; one gas engine, 7 horse power. Estab. 1884	15	8	20	•••	1,200		
VAUGHN'S STEAM LAUNDRY. One 3-st. brick building; one boiler; one engine, 10 horse power. Estab.	2	8	10	•••••	500		
WINSHIP MANUFACTURING CO., mfrs. wind mills, pumps, etc. Two buildings—one 2-st brick; one 2-st. frame; one boiler; one engine, 50 horse power. Estab. 1864  Ordered one large saw in planing mill boxed and rip saw; on second floor guarded. Accident.—The Supt. lost his thumb on a daubing machine.	26	••••	26	••••	2,000		
REEDSBURG-SAUK CO.	]				ļ		
Inspected April, 1893, by Van Etten.  DENNETT, W. P., creamery. Two 1-st. frame buildings. Estab. 1887  Note.—Of the 19 employes reported, 17 are engaged driving teams, collecting cream. Creamery runs in summer only.	19		19	800	1,200		
MORGAN BUILDING CO., mfg. contractors. Two 1-st. frame buildings; one boiler; one engine, 30 horse power. Estab. 1882	26		26	150			
REEDSBURG BREWING CO., Geffert & Pahl, props. Eight buildings—three 2 st. frame; five 1-st. frame; hand power. Estab. 1868	6		6	895			
REEDSBURG BUILDING & LUMBER CO., mfg. contractors. Two buildings—One 1-st. frame; one 1-st. brick; one boiler; one engine, 30 horse power. Estab. 1880  Ordered a guard placed on one rip saw.  Accident.—A workman was slightly injured on a rip saw.	11	1	12	••••			
REEDSBURG WOOLEN MILL CO., mfrs. woolen cloth. Three buildings- one 4-st. brick; one 2-st. brick; one 1-st. brick; two wooden ladders; one boiler; 75 horse power (water). Estab. 1833 Ordered automatic doors on elevator kept open during working hours. The automatic doors referred to were put in at the instance of a fire insurance company to shut openings in elevator in case of fire. The reason I order them kept open is that		64	99		-		

Report of Inspection—Continued.

Establishments Inspected.	NUMBER OF EMPLOYES.			l Programa I		of new pg in- menta	of Box
	Male.	Fem.	Total	Cost of building proveme	0		
they are very deceptive in appearance, being about evenly balanced and not secured in any way. A person opening the gates and stepping on them would immediately fall to the floor below. Automatic sprinklers on all floors. Accident.—A boy 17 years old lost two fingers in gearing on spinning mules.							
SANDERS, A. M., mfr. wagons and buggies. Two lat. frame buildings; one boiler; one engine; 10 horse power. Estab. 18.6	6		6	<b>\$30</b> 0	\$40		
SCHOEPHOESTER. WM., mfr. staves, heading and lumber. Two buildings—one 1 st. brick; one 1 st. frame; one boiler; one engine, 75 horse power. Estab. 1890	9		9	500	500		
RHINELANDER—ONEIDA CO. Inspected Feb., 1894, by Van Etten.  ANDERSON BROS., mfrs. sleighs and wagons. Three buildings—one 2-st. frame; one 1-st. frame; one 1 st. brick; one boiler; one engine, % horse power. Estab. 1887	15		15		715		
BROWN BROS. LUMBER CO., mfrs. lumber, lath and shingles. Eight buildings—four 3-st. frame; two 1-st. frame; two 1-st. frame; two 1-st. frame; two 1-st. brick; nine boilers; two engines, 350 horse power. Estab. 1832  **Accidents.**—A workman lost his arm on a siding saw by throwing off tightener and trying to oli before saw stopped; another lost his hand by getting them in gearing to live rollers while attempting to remove bark from under gears. Cut of mill for 1892 was 17,000,000 ft. lumber: 4,000,000 lath; 8,000,000 shingles.	195		125	500	8,000		
BROWN & ROBBINS, mfrs. lumber, lath and shingles. Four buildings—one & st. frame; two 1-st. brick; one 1.st. frame; stx boilers; two engines, 105 horse power.  Estab. 1886	75		75		8,500		
CLAYTON. GEO., mfr. lumber, lath and shingles. Three buildings—one 2-st. and two 1-st. frame; three boilers; one engine, 176 horse power. Estab. 1888  Accident.—The sawyer had his hand cut off by breaking of the band saw. Cut of mill for 1892 was 18,000,000 tt. lumber; 6,000,000 lath; 4,000,000 shingles	100		100		••••		
CONRO, ABNER & SON, mfr. lumber, lath and shingles. Five buildings—two &st. frame; two 1-st. frame; one 1-st. brick; five boilers; two engines, 150 horse power. Estab. 1883  Cut of mill for 1892 was 6,000,000 ft. lumber; 1,-900,000 lath; 75,000 shingles. Note.—A fire Nov. 2, 1892 caused a loss of \$5,500.	50		50	5,000	5,000		
FALL H. J., successor to Brown Bros. Lumber Co. (Buttric Mills.) Mfrs. lumber, lath and shingles. Four buildings—one 2-st. frame; three 1-st. frame; four boilers; one engine, 150 horse power. Estab. 1888  Cut of mill for 1892 was 15,000,000 it. lumber; 4,000,000 lath 2,000,000 shingles.	50		50	••••	15,000		

Zetablishiests Inspected.		Number of Employes			of new inery.
	Male.	Fem.	Total	Cost of new building improvements.	Cost of machin
FAUST ELECTRIC LIGHT CO., THE. Three 1-st. frame buildings; three boliers; two engines, 180 horse power. Estab; 1890 Ordered two fly 'wheels guarded; and a railing placed at the side of main belt.	5		5	\$800	\$5,600
KIRK JAS. S. & CO., mfrs. soap. Two buildings—one 1-st. frame; one 1-st. brick; two boilers; one engine, 240 horse power. Estab. 1893	88		88	••••	•••••
OLSON & MEIKELJOHN, mfrs. lumber, lath and shingles. Five buildings—one 2 st. frame; four 1 st. frame; five boilers; two engines, 175 horse power. Estab. 1888  **Accident.*—A workman had his seg broken by being caught on a shaft while adjusting a belt.	45	••••	45	4,400	4,898
RHINELANDER BREWING CO. Four buildings—one 2-st. frame; three 1-st. frame; one boiler; one engine, 16 horse power. Estab. 1892	5		5	11,600	7,506
RHINELANDER IRON CO., founders and mfrs. saw mill mahinery. Four 1-st. frame buildings; one boiler; one engine, 35 horse power. Estab. 1889	18		18	. 250	650
RIB RIVER LUMBER CO. (successors to E. K. Buttrick), planing mill and lumber yards. Two buildings—one 2-st. frame; one 1-st. frame; one boiler; one engine, 50 horse power. Estab. 1889	65		65	7,000	5,000
SOO PLANING MILL CO., planing mill. Three 1-st. frame buildings; one boiler; one engine, 40 horse power. Estab. 1880	13		18		
SORENSON & CO., mfrs. barb wire reels. Two buildings—one 2-st. and one 1-st. frame; one boiler; one engine, 50 horse power. Estab. 1894	10		10		1,800
STEVENS LUMBER CO., mfrs. lumber, lath and shingles. Three buildings—one 2-st. frame; one 1-st. frame; one 1-st. brick; four boilers; one engine, 150 horse power. Estab. 1890	40		40		8,507
WABASH SCREEN DOOR CO. Six buildings—one set frame; three 1-st brick; two 1-st frame; one boller; one engine, 160 horse power	190		190	•••	6,560
WIXON & BRONSON (successors to Underwood Lumber Co.), planing mill. Three buildings—two 1-st. frame; one 1-st. brick; one boiler; one engine, 70 horse power. Estab. 1889.	17		17		2,000
RIB LAKE-TAYLOR CO.					
Inspected Feb., 1891, by Van Etten.  KENNEDY J. J., mfr. lumber, lath and shingles. Nine buildings—one 3-st. frame boarding house; two 2-st. frame; five 1-st. frame; one 1-st. brick; nine boilers; three engines, 340 horse power. Estab. 1891. Accidents.—The edger man was killed Aug., 1893, by a board flying from edger, striking him in the side; another workman lost one finger in gears on re-saw. Note.—A fire in 1898 destroyed the boarding house; loss, \$1,000. Out of mill for 1892 was 25,000,000 ft. lumber and 23,000,000 shingles.	490	. • • • • • • • • • • • • • • • • • • •	400	10,000	8,000

Report of Inspection - Continued.

Retablishments Inspected	Number of Employes.		of new ling im- ements.	of new hinery.	
	Malo.	Fem.	Total	Cost of n building provemen	Over of machine
SHAW F. D., mfr. non-acid hem ock sole leather. Five buildings—two 3-st. frame; three 1-st. frame; six boilers; three engines, 120 horse power. Estab. 1892. Output for 1892 was 150,945 sides sole leather.	175		175	\$20,000	\$14,000
RICE LAKE-BARRON CO.	ì				
Inspected June, 1898, by Van Etten.					
KNAPP, STOUT & CO COMPANY, THE, mirs. flour and repair work. Four buildings—two 8-st. and two 1-st. frame; 500 horse power (water). Estab. 1869	12		12		· • • • • • • • • • • • • • • • • • • •
LAFERNAIS, L. m'r. sash, doors, blinds and mouldings. Two buildings—one 2-st frame; one 1-st. frame; one bo.ier; one engine, 75 horse power Estab. 1887.	5		5		
MEIKELJOHN & HATTEN, mfrs. barrel stock. Four buildings—three 1-st one 1-st stone; one boiler; two engines, 74 horse power. Estab. 1886	41,		41	••••	•••••
MERCIER CO., mfrs. hard wood lumber. One 2-st. frame building; one boiler; one engine, 25 horse power. Estab. 1835	9	[	9	500	1,900
REUTER HUB AND SPOKE CO., mfrs. wagon stock. Five buildings—four l-st. frame; one l-st. brick; one boiler; one eugine, 75 horse power. Estab. 1886  Accident.—A workman lost a finger on a slitting machine.	40		40	100	450
RIUE LAKE LUMBER CO., mfrs. lumber, lath and shingles. Eleven buildings—two 2-st. frame; seven 1-st. frame; two 1-st. stone; eleven boilers; four engines, 5:5 horse power (steam), 500 horse power (water). Estab. 18-7.  Cut of mill for 1802 was, 48.000,000 feet lumber; 11,000,000 lath; 81,000,000 shingles.	800		<b>\$</b> 800	2,000	1,900
RICE LAKE MANUFACTURING CO., mfrs. sash, doors, blinds, and office, bank and saloon fixtures. Two buildings—one 3-st. frame; one 1-st. brick; one boiler; one engine, 45 horse power. Estab. 1893 Ordered a guard placed on one rip saw.	16		16	1,900	2,500
RICHLAND CENTER-RICHLAND CO.	]	1			1
Inspected April, 1893, by Van Etten.  BLAKEMAN J. F., mir. genaral cooperage, One 1-st. frame building, one boiler; one engine, 21 horse power. Estab. 1899.  Ordered three boys under 14 years discharged.	7		7		150
BRIMER BROS & CO., mfrs. flannels, cassimers and knit goods. Three buildings—one 2-st. frame; one l-st. frame; one boiler; one engine, 45 horse power. Estab. 1890.	5	10	15	163	1,000
JAMES N. L., mfr. lumber. Three 1-st. frame buildings; one boiler; one engine, 50 horse power. Estab. 1831. Ord-red a railing placed at side of main drive beit in engine room and one in front of beit and pulley on edgers. Accidents.—A workman was severely injured in the yard by a log rolling on him.	25		25	1,200	5, 900

Zetarlinencents Inspecters.	Number ( Employe				1 1 1 1
	Yalo.	Fem.	Total	Oost of building provens	000
KROUSKOP A. H., planing mill and mfr. hard and soft wood lumber. (Reported by firm.) One 2-st. brick building; two boilers; one engine, 400 horse power.  Accident.—One man had finger and hand slightly sawed.	50		50		
PARFREY A. C, mfr. flour and feed. Three buildings; —one 4-st. frame; t-o 1 st. frame; 100 horse power. (water). Estab. 1881	6		6		<b>\$3</b> 00
REPUBLICAN OBSERVER, printing and publishing. On first fivor of 2-st. brick building; one boiler; one engine, 10 horse power. Estab. 1885					
RIPON-FOND DU LAC CO.	l				ł
Inspected October, 1893, by Van Etten.  HAAS JOHN brewer. Five buildings—one 3-st., one 3-t. and one 1 st. brick; one 1-st. stone; one 1-st f ame; one boiler; one engine, 15 horse power. Estab.	7		7		
POWERS J. J. & CO., cold storage. One 2-st. and basement brick and stone building; hand power. Estab. 1891	5	····	5		
RIPON COMMONWEALTH, printing and publishing. On second floor of 2-st, brick building; one boiler; one gas engine, 4 horse power. Estab. 1868	5		5		200
RIPON GLOVE AND MITTEN WORKS. On first floor of 2-st brick. building; 6 horse power funished by Ripon Knitting Works. Estab. 1888	6	7	18		1,110
RIPON KNITTING WORKS. mfrs. woolen socks and mittens. Two 2 st. brick buildings; one boiler; one engine 25 horse power. Estab. 1884 Ordered a railing placed around fly weel of engine.	20	105	195	•••••	1,000
RIPON PACKING CO., pickling. Two 1-st. frame buildings; hand power. Estab. 1878	5	1	6	•••••	
RIPON ROLLER MILLS. (W. S. Crowther & Co.) mfrs. fiour and feed. Three buildings—one 4-st. and basement frame; one 1-st. stone: one boiler; one engine, 75 horse power. (water), 93 horse power, (steam). Estab. 1831	7	<b>'1</b>	8	\$4,500	18,500
RIPON STEAM LAUNDRY. One 2 st. brick building; one boiler; one engine, 12 horse power. Estab. 1892	8	8	5		1,000
TIMMS C. J., mfr. berry boxes and crates and general wood work. One 2-st. and basement stone and frame building; one bolier; one engine, 30 horse power. Estab. 1885.	8		8		••••
WICKS & SON, dealers in agricultural implements. One 3-st. brick building; hand power. Estab. 1891	5		5		
RIVER FALLS-PIERCE CO.				1	
Inspected May, 1893, by Van Etten. FORTUNE & ARMSTONG, mtrs. flour and feed. Two building—one 3-st frame one 2-st. frame; 25 horse power. (water). Estab. 1858	6		6		······································

Report of Insyection-Continued.

Retablishments Depthotes.		NUMBER OF		Cost of new building im- provements.	of now
	Male.	Fem.	Total	Cost o	Cont
GOSS J. B. & Co., mfrs. flour and feed. Four buildings—one 3-st. and three 2 st, frame; 65 horse power (water). Estab. 1853	7	·	7	\$2,000	\$8,000
LUND A. W., mfr. carrages, wagons, harness, etc. Three buildings—one 1-st. stone; two 1-st. frame; one boiler; one engine, 12 horse power. Estab. 1881  Note.—A fire Jan. 24, 1898 destroyed plant, loss \$10,000. Accident.—A workman had all the fingers or his left hand cut off on shaper.	15		15	4,500	•••••
MEALEY S. J., mfr. potsto starch. One 2-st. and two 1-st. frame buildings, one boiler; one engine, 80 horse power. Estab. 188*	15	·•···	15	800	2,200
RIVER FALLS STARCH FACTORY, mfrs. potato starch. Two buildings—one 2-st. frame; one 1-st. brick; one boiler; one engine, 40 horse power. Estab. 1890.  Note.—Factory closed will start up in fall and run about 60 days.	11		11	800	•••••
ROMEO—(Spencer P. O.) MARATHON CO. Inspected Feb., 1894, by Van Etten. PARRETT FRANK, mfr. iumber. Two 1-st. frame buildins; two boilers, one engine, 40 horse power. Estab. 18-5	20		20	600	1,800
ROWLEYS BAY-DOOR CO.  Reported by firm January 1884.  BOGERS, S. A. mfr. lumber. One 1-st. frame building one boiler; une engine, 30 horse power. Estab.	11	<u> </u>	11		
RUSK, TOWN OF—— BURNETT CO.  Reported by firm, June, 1898.  HUNTER W. L. mfr. lumber. Two 1-st. frame buildings; two boilers; two engines, 85 horse power. Estab.  1890  Note — Mill will close June 1st, will start up again about Dec., 15th.	83		. 88	1,000	4,500
ST. JOSEPH TOWNSHIP—ST. CROIX CO. Reported by firm, Junuary, 1894.					
EAST SIDE LUMBER CO. One 1-st. building; one lath mill; one shingle mill and machinery appertaining thereto; seven boliers; one engine; 300 horse power. Estab. 1888.	1		. 100		8,000
SCHLESINGERVILLE—WASHINGTON CO.		}		1	
Inspected March, 1894, by Zwaska.  KORTEMEYER, WM., mfr. brick. One frame building, hand power. Estab. 1882	10		10		
ROSENHEIMER, L., mfr., brick. Two 1-st. frame buildings; one boiler; one engine; 25 horse power. Estab. 1887.			25	 	 
STORCK CHAS., brewer and malster. Eight buildings. One 2-st., two 2-st; one 1½ st. and one 1-st. brick; one 1-st. stone; two 1-st. frame; two boilers one engine, 15 horse power. Estab. 1870	18		. 18	4,500	1,000

Establishments Inspected.		Number of Employes.		of new ing im-	therr.
	Male.	Fem.	Total	Cost of n building provemen	S S S S S S S S S S S S S S S S S S S
SCHOFIELD-MARATHON CO.  Inspected, August, 1893, by Van Etten.  BROOKS & ROSS LUMBER CO., mfrs. lumber, lath and shingles. Four buildings-one 2 st. frame; three 1 st. frame; five boilers; two engines; 120 hcree power (water), 200 horse power (steam). Estab. 1854  Accident.—A boy lost three fingers on a lath boiler.	150		150		\$1,950
SEYMOUR—ONEIDA CO. Reported by firm, January, 1894.  NORTHWESTERN MANUFACTURING CO., turning and planing mill; two boilers; one engine, 45 horse power. Estab. 1886	16		16		<u>.</u>
SHAWANO—SHAWANO CO.  Inspected November, 1898, by Zwaska.  KAST F. W. merchant miller. One 8 st. and attic frame sheet iron veneered building; 200 horse power (water). Estab. 1865	5	••••	5	<b>\$</b> 6,000	19,000
one 2-st. frame; two 1-st. frame; and several sheds; two bollers; one engine, 100 horse power. Estab. 1898  Note—Mr. McDonell bought out W. W. Hollister & Co., and the Madison Lumber Co.	60		60	10,000	5,000
SHAWANO SHOE MFG. CO. Three buildings—one 2-st. and attic frame; one 1-st. brick; one 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1890  SHEBOYGAN—SHEBOYGAN CO.	25	16	41	800	· · · · · · · · · · · · · · · · · · ·
Inspected December, 1898, by Zwaska.  ALADDIN SOAP CO. One 2-st. and basement frame building; one engine, 15 horse power. Estab. 1891	6		6		
AMERICAN FOLDING BED CO. Two buildings—one 3 st. frame; one 1 st. brick; one boiler; one engine, 100 horse power. Estab. 1893	25		25	5,000	2,500
AMERICAN MANUFACTURING CO., mfrs. chairs. Three buildings—two 8-st. frame; one 1 st brick; two boilers; one engine, 68 horse power. Estab. 1887	80	8	88	ļ	1,000
BALZER, JOHN, mfr. wagons, buggles, cutters, etc. Three buildings—one 3-st. bruck; one 2-st. bruck; one 1-st. bruck; one boiler; one engine, 80 horse power. Estab. 1851	15	\ 	15		
C. B. WIRE MATTRESS CO., mfrs. woven wire mattresses. One 2 st frame building with a 1 st. brick addition; one boiler; one engine, 36 horse power. Estab. 1892	19	5	24		9,500
CHAIR CITY STEAM LAUNDRY. One 2-st. frame building; one boiler; one engine, 8 horse power. Estab. 1883	1	5	6		

Report of Inspection-Continued.

	<del></del>						
Zetablishnents Inspected.		Number Employ:		Number of Employes.		ding im-	of new hinery.
	Male.	Fem.	Total	Cost of n building i provemen	Ser		
CROCKER CHAIR CO., (Plant A.) Six buildings—one 5-st. brick; one 4-st. frame; three 3-st. frame; one 1-st. brick; three stand pipe fire escapes; three boilers; two engines, 150 horse power. Estab. 1887  Ordered gears, pulleys and countershafting of one self feed band saw boxed; one cut off swing saw guarded and one large belt on second floor in 5-st. building guarded. Accidents.—A workman who tried to climb up on one of the fire escapes during noon time fell down and broke his leg and received internal injuries; a man lost a finger on a rip saw.	800	80	880	\$11, <b>00</b> 0	\$8,000		
CROCKER CHAIR CO., (Plant B.) Nine buildings—three 4-st. brick; one 4-st. frame; one 2-st. brick; one 2-st. frame; two 1-st brick; five boilers; one engine, 300 horse power. Estab 1884	850	80	380	18,000	• • •		
DILLINGHAM MANUFACTURING CO., mfrs. refrigerators and wooden ware. Four buildings—three 8-st. brick; one 1-st. brick; and several small store houses; buildings bridged; three boilers; one engine, 30 horse power. Katab. 1884.  Automatic fire extinguishers located on every floor.	160		160	•••••	5,000		
EXCELSIOR WRAPPER CO., mfrs. excelsior wrap- pers for packing purposes. Two 1½-st. frame build- ings; one boiler; one motor, 15 horse power. Estab. 1889	12	6	18		1,800		
FROST'S VENEER SEATING CO., mfrs. railroad car and depot seating. Seven building:—two 3-st. brick; three 3-st. frame; one 1-st. brick; two 1 st. frame; two iron fire escapes and buildings bridged; one boiler; one engine, 185 horse power. Estab. 1883. Ordered alarm bell connections provided and elevator openings guarded.	85	10	95	7,000			
GARTON TOY CO., mfrs. toys and express wagons. Two buildings—one 4 st. frame; one 1-st, brick; one fire escape; two boilers; one engine, 100 horse power. Estab. 1879 Ordered fly wheel on engine guarded. Note.— Factory provided with automatic water sprinklers.	125	2	127		•••••		
GEELE, FRANK, HARDWARE CO., mfrs. tinware. One 3-st. brick building; one fire escape; hand power. Estab. 1850.	27		27				
GUTSCH BREWING CO. Seven buildings—one 8-st. brick; one 2 st. brick; three 2-st. frame; one 4 st. brick; one brick ice house; one boiler; one engine; one ice machine; 75 horse power. Estab. 1845  Note.—Since inspection made assignment.	18	· · · · · ·	18		16,000		
HALSTED MANUFACTURING CO., mfrs. kitchen safes and wardrobes. Three buildings—one 2 st. frame; one 1-st. brick; one 1-st. frame; one fire escape; one boiler; one engine, 150 horse power. Estab.	100		100		1,200		
Note.—Since inspection firm reported as having gone out of business.							
JENKINS MACHINE CO., mfrs. wood working machiney. Four buildings—one 2 st. frame; three 1 st. brick; two dynamos; 31 horse power Estab. 1876	18	1	19	16,000	4,000		

Zetablihhments Inspected.		Number of Employees					NUMBER OF EMPLOYES.						Cost of new building im- provements.	of new
	Male.	Fem.	Total	Cost build prove	Cost of machine									
JUNG, J. & W., mfrs. wagons, buggies and cutters. Three 2-st. brick buildings; hand power. Estab. 1859.	18		15											
KOHLER, HEYSSEN & STEHN MFG. CO., mfrs. enameled hollow ware and agricultural implements Eight buildings—two 2 st. frame; three 1-st. frame; one 2-st. brick; two 1-st. brick; one boiler; one engine, 65 horse power. Estab. 1879	75	8	83	<b>\$</b> 500	······•									
MATTOON MANUFACTURING CO, mfrs. furniture. Six buildings—one 4-st. brick; three 4-st. frame; one 3-st. frame; one 1-st. brick; five iron fire escapes; one stairway escape and buildings bridged; eight boilers: two engines, 500 horse power. Estab. 1881 Accident.—A workmaa lost his hand on a shaper Note.—The plant is equipped with automatic water sprinklers.	850		850	4,000										
MEYER, PHIL., CO., machinists, founders and mfrs. "Globe" teed cutters. Four buildings—two 2-st. brick; one 1-st. frame; one motor, 25 horse power. Estab. 1819	85		85	800	\$300									
MUELLER, H. G., & SUNS, planing mill and mrs. cheese boxes. Three buildings—one 3-st. frame; one 1-st. frame; one boller; one engine, 60 horse power. Estab. 1892	10		10	5,000	8,000									
NATIONAL DEMOKRAT, printing and publishing. German weekly newspaper. One 2-st. brick building; one dynamo, 4 horse power. Estab. 1858	12	ļ	12		50									
PHŒNIX CHAIR CO. Seven buildings—one 4 st. brick; three 3 st. brick; one 2 st. brick; two 1-st. brick; and two frame storage sheds; two fire escapes; three bollers; two engines, 365 horse power. Estab. 1875  Ordered one boy of 13 years discharged. Accident —A workman lost a thumb on cut-off saw. Note—automatic water sprinklers provided on all floors.	500	25	525	· <b></b> •••										
RIEBOLDT, WALTER & CO., ship builders and contractors. One 2-st. and one 1-st. frame building; one boiler; one engine, 40 horse power. Estab. 1856	45	 	45	· • • • • • • • • • • • • • • • • • • •										
REISS, C. COAL CO., THE, coal and wood yard. Two buildings—one 1-st. frame; one 1-st. brick, and several large coal sheds; one boiler; one engine, 40 horse power. Estab. 1880	25		25	<u> </u>	••••									
ROENITZ, C. T. LEATHER CO. Seven buildings—one 4 st. brick; one 3-st. brick; one 4-st. frame; one 8 st, frame; one 2-st brick and frame; one 1-st. brick; one 1-st frame; three outside stairway escapes; five boilers; two engines, 190 horse power. Estab. 1883 Ordered alarm bell connections provided. Note—Plant is equipped with automatic water sprinklers.		!   	225	25, 694	25,475									
SHEBOYGAN BOOT & SHOE CO. One 8 st. and basement brick building; one fire escape; one boiler; one engine. 25 horse power. Estab. 1886. Ordered one door changed to swing outward. Accident.—A workman was killed by being caught in belting. Firm paid funeral expenses.	60	30	90											

Establishments Improved.		NUMBER OF EMPLOYEE.			NUMBER OF EMPLOYEE.		of new ing im-	at of new chinery.
	Malo.	Fem.	Total	Cost of pudding provement	88			
SHEBOYGAN ELECTRIC LIGHT CO. One 2-st. brick building; two boilers; one compound engine, 1,000 horse power; two arc light dynamos, four incandescent light dynamos, and one 150 horse power generator. Estab. 1892	7		7		\$90,000			
SHEBOYGAN CHAIR CO., mfrs wood and cane seat chairs. Eight buildings—four 3-st. and four 1-st. brick; three iron fire escapes and buildings bridged; two boilers; one engine, 300 horse power. Estab. 1569  Ordered alarm bell connections provided. Accident—A workman had his fingers severely cut on shaper. Note.—Firm employ about 150 persons	358	20	878	10,000	••••			
at home caning seats.  SHEBOYGAN MINERAL WATER CO, mfrs. and bottlers of mineral water. Four buildings—one 3-st. frame; one 1 st. brick; two 1-st. frame; one boiler; one motor, 15 horse power. Estab. 1881  Accident.—A girl lost one eye by the bursting of a bottle which she was filling with mineral water. The girls have since been furnished with eye protectors. Note.—The building is located at side of a hill, the second story is on level with ground.	7	14	<b>2</b> 1	••••	200			
SHEBOYGAN NOVELTY CO., mfrs. book cases, cabinets, etc. Three buildings—one 4-st. stone and frame; one 4-st. frame; one 1-st. brick; buildings bridged; one boiler; one engine, 75 horse power.  Restab. 1890  Ordered one boy of 18 years discharged.	632		62	•••••	•••••			
SHEBOYGAN STEAM LAUNDRY. One 2-st. and one 1-st. frame building; one boiler; one engine, 10 horse power. Estab. 1889	8	8	5	1,200				
SCHREIER KONRAD, brewer and malster. Nine buildings—two 4-st brick; one grain elevator; one brick ice house; one 2-st brick; two 1-st brick; one 2-st frame; one 1-st frame; two fire escapes; two bollers; one ice machine; one engine, 60 horse power. Estab 1834  Capacity, 20,000 bbls, annually.	45		45		•••••			
SCHULTHEISS BROS., general iron workers. One set, and one 2-st. frame building; one boiler; one engine, 30 horse power. E-tab. 1886	, 6		6					
SPRATT GEO. & CO., mfrs chairs. Four buildings—three 2-st frame; one 1-st brick; one boller; one engine, 55 horse power. Estab. 1884.	50	2	52					
VOLLRATH JACOB J. MANUFACTURING CO., THE, mfrs. gray and sheet enameled iron ware. Nine buildings—three 2-st brick; three 1-st. brick; three 1-st. frame; one boller; one engine, 60 horse power. Estab. 1875  Ordered slarm bell connections provided; fly wheel in engine room guarde-1; two emery wheels in grinding department guarded. Accident.—A workman had his fingers of one hand crushed in cutting press.	128		128	28,000	25,000			
WINTER JESSE CO., mfrs. hall racks and office fix- tures. Occupy third and fourth floors of a 4-st. frame building; one fire escape; 30 horse power fur- nished by M. Winter Lumber Co. Estab 1892 Note—At time of inspection this concern was in hands of receiver.	6		6	•••••	19,000			

Establishments Improved.	NUMBER OF EMPLOYES.			of new neath.	
	Malo.	Fem.	Total	Oost of 1 building provense	0
WINTER, M., LUMBER CO., planing mill. Four buildings—one 4 st. frame; one 1 st. frame; two 2 st. brick; one fire escape; one boiler; one engine, 65 horse power. Estab. 1888	15		15	\$12,075	
ZSCHETZSCHE, THEO., & SON, mfrs. leather. Five buildings—one 4-st. brick; two 2-st. brick; one 1-st. brick; one 1-st. frame; two boilers; one engine, 180 horse power. Estab. 1874	200		200	6,000	<b>\$3,</b> 000
SHEBOYGAN FALLS-SHEBOYGAN CO.	ĺ	1	ŀ		
Inspected December, 1893, by Zwaska.  BALLSCHMIDER & BOLDT MFG. CO., mfrs. building material, sash, doors and blinds. Three buildings—one 8-st. frame; one 1-st. brick; one 1 st. frame; one boiler; one engine, to horse power (water); 40 horse power (steam). Estab. 1892	1		16	8,000	2,800
BRICKNER WOOLEN MILLS CO., mfrs. fine woolen cloth. Two 3-st. and one 1-st. brick buildings; one fire escape and buildings bridged; two boilers; one engine, 125 horse power (water); 100 horse power (stern). Estab 1878  The condition of the plant is good.		45	75		10,000
PHŒNIX IRON WORKS, mfrs. plows, horse powers, water wheels, etc. Three buildings—one 1-st. brick; two 1-st. frame; one boiler; one engine, 18 horse power. Estab. 18:0	1 15		15	••••	
RICHARDSON BROS., mfrs. chairs and cheese boxes. Five buildings—four 2-kt. frame; one 1-st. brick; one boil-r; one engine, 10 horse power (aster): 50 horse power (steam). Estab. 1856	50		50		
ROCK MILLS, J. H. Peyson, Son & Co., propre. mfrs. flour. One 3-st. and basement stone and frame iron clad building; 70 horse power (water). Estab. 1847.	1		7		
SHEBOYGAN FALLS TANNERY. Four buildings—one 8-st. brick; one 2-st. 1rame; two 1-st. frame; two bollers; one eugine, 45 horse power. Estab. 1880 Ordered one fire escape erected; and chain and pulleys running bark mill boxed.	40		40		
SHELL LAKE—WASHBURN CO.	i				
Inspected August, 1893, by Van Etten.  SHELL LAKE LUMBER CO, THE, mfrs. lumber, lath and shingles. Twelve buildings-five 2-st.frame; five 1-st.frame; two 1-st. brick; fifteen boi ers; five engines, 605 horse power. Estab. 1881	350	 	850	2,400	1,720

Establishments Inspected.	Number of Employes.			Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost build prove	Cost
of live rollers. Note.—The condition of the plant is very good; store connected and company owns and operates 17 miles of railroad for logging purposes, using two locomotives and about 30 cars. Cut of mill for 1892 was 29, 129,790 feet lumber; 6,806,000 lath and 14,710,750 shingles.					
SHERRY-WOOD CO.					
Inspected Jan., 1894, by Van Etten.					
SHERRY LUMBER CO, mfrs. lumber lath and shingles. Nine buildings—three 2 st. frame; five 1 st. frame; one 1-st. brick; seven boilers; two engines, 180 horse power. Estat. 1880	180	1	181	<b>\$</b> 550	\$600
one of the company's locomotives while trying to board it. Note.—Since former inspection, this company has added a water work system throughout the entire plant; company runs a store and boardhouse and owns and operates 11 miles of logging railroad using 15 cars and 2 locomotives. Cut of mill for 1892 was 8,500,000 feet lumber and 5,000,000 shingles.				•	
SUTTON MANUFACTURING CO., mfrs. staves and heading. Four buildings—two 2-st. frame; two 1-st. frame; one boller; one engine, 125 horse power. Estab. 1892.  Accident.—A workman had an arm badly cut on a drum saw. Note.—Boarding house connected,	87	1	38	3,985	6,878
run by firm.  SOLDIERS GROVE—CRAWFORD CO.					
Inspected April, 1893, by Van Etten.	l				
CULLMAN BROS, assorting and packing tobacco.	İ		ŀ		Ì
One 2-st. and basement iron veneer building, hand power. Estab. 1893 Ordered main doors to swing outward.	21	11	85	••••	· · · · · • • • • • • • • • • • • • • •
KICKAPOO EX^ELSIOR CO., mfrs. excelsior. Two 1 st. frame buildings; 26 horse power (water). Estab. 1892	6		6	300	2,000
PETERSON ATLEY, mfr. hard word lumber. One 1-st. frame building, 40 horse power (water). Estab. 1868 Ordered a cover placed over a slab saw and a railing placed at head of stairway leading to basement.	10		10		175
SPARTA-MONROE CO.	} '				1
Inspected March, 1898, by Van Etten.		1	1		1
NEWTON PAPER MILLS, mfrs. manilla, rag and straw wrapping paper. Five buildings—one 2-st. frame; three 1-st. frame; one 1-st. brick; two boilers; one engine, 50 horse power (water), 75 horse power (steam). Katab. 1856	29	4	83		2, 145
SPARTA IRON WORKS CO., mfrs. brass and iron castings, engines, etc. Three buildings—two 1-st. s.one; one 1-st. brick; one boiler; one engine, 14 horse power. Estab. 1869	8		8	900	800
SPENCER-MARATHON CO.	1	'	1		i
Inspected February, 1894, by Van Etten.		l			l
GARDINER JOHN, mfr. lumber, lath and shingles. Three buildings—one 2-st. frame; two 1-st. frame;					

Establishments Inspected.	N	NUMBER OF EMPLOYES.		Number of Employes.		('ost of new building im- provements.	of new
	Male.	Fem.	Total	Cost build prove	Over of machin		
two boilers; one engine, 45 horse power. Estab. 1886. Out of mill for 1898, was 1,100,000 feet lumber.	85		85		\$100		
PARRETT FRANCIS, logging and mfr. lumber. Reported by firm. [No description of plant given]	20		20				
SPOKEVILLE-CLARK CO.	!						
Reported by firm January, 1894.							
MARSH J. C., mir. lumber and shingles. A one story shingle and saw mill; two boilers; two engines, 60 horse power. Estab, 1884	20		20		· · · · · · · · · · · · · · · · · · ·		
SPRING VALLEY-ST. CROIX CO.							
Inspected June, 1898, by Van Etten.							
EAGLE IRON CO., mfrs. pig iron. Eleven buildings—one 2-st. frame; nine 1-st. brick; one brick tower. 65 feet high; six boilers; four engines, 450 horse power. Estab. 1898	50		50		· • • • • • • • • • • • • • • • • • • •		
FLEMING ANNA, mfr. hard wood lumber. Two 1½ st. frame buildings; 30 horse power. (water). Estab. 1879	7		7	\$559	178		
GRAVES &SCHNARE, mfrs. lumbermens' supplies. Two buildings—one 1-st. brick; one 1-st. frame; one boiler; one engine, 30 horse power. Estab 1892 Ordered a rauling placed around the fly wheel in engine room. Note—Since inspection firm reported as having gone out of business.	6	· • • · • · •	6	900	1, 100		
STANLEY-CHIPPEWA CO.					i		
Inspected March, 1894, by Van Etten	1						
NORTHWESTERN LUMBER CO., mfrs. lumber, lath and shingles. Nine buildings—thre: 2st. frame; five 1-st. frame; one 1-st. brick; nine boilers; three engines, 430 horse power. Estab. 1892	150		150	23,000	92,00		
TANLEY MANUFACTURING CO., mfrs. lumber, Three buildings—two 2-st. and one 1-st. frame; one boiler; one engine, 75 horse power. Estab. 1835 Cut of mili for 1892 was 2,400,000 ft. lumber.	80		80				
STARK, TOWN OF. AND TOWN OF WERSTER— VERNON CO.							
Reported by firm, January, 1891.					1		
SEELY D. SON & CO., lumbering in hard wood with two mills [No description of plant given]; two boilers; two engines, 100 horse power. Estab. 1893  We do not intend to establish a permanent plant with these mills but rather to move them every two to four years, for convenience in getting logs to same.	21	2	26				
STETTIN, TOWN OF-MARATHON CO,					1		
Reported by firm, January, 1894.	1						
ELLINGSON BROS, saw and planing mill. One 2-st. and one 1-st. frame building; one boiler, one engine, 60 horse power. Estab. 1893.	80		80	2,50	0. 3,10		

Betablishments Inspected.		Number of Employes.			of new thery.
	Malo.	Fem.	Total	(yest of n building i	Cost of mechin
LOY, BUTTKE & CO, saw mill [no description of plant given]; one boller, one engine, 30 horse power. Estab. 1883	15		15	•••	
STEUBEN-CRAWFORD CO.					
Inspected April, 1893, by Van Etten.  HURLBUT & HAMILTON, mfrs. hard wood lum ber Three i.st. frame buildings; one boiler; one engine, 25 horse power. Estab. 1838	10		10		\$1,700
STEVENS POINT-PORTAGE CO.					
Inspected January, 1894, by Van Etten.  BUKOLT MANUFACTURING CO., THE, mfrs- furniture. One 2-st. and one 1-st. frame building; one boiler; one engine, 14 horse power. Estab. 1892.	11		11	\$750	820
BOSWORTH & REILLY, mfrs. lumber, lath and shin gles. Three buildings—one 2-st. frame; one 1-st. stone; one 1-st. frame; six bollers; one engine, 150 horse power. Estab. 1877	80	•••	80	•••••	******
CENTRAL CITY IRON WORKS, R. A. Clark, proprietor, foundry, mfrs. saw mill machinery. Six buildings—four 1-st. brick; two 1-st. frame; one boiler; one engine, 30 horse power. Eatab. 1891	45		46	18,000	5,000
GAZETTE, THE, E. D. Glennon proprietor, printing and publishing. On a cond floor of 3-st. stone building; one gas engine, 3 horse power. Estab.	4	1	5		680
HORFFLER & CHAPMAN MANUFACTURING CO., mfrs. carriages, wagons and dust-proof axies Three buildings—one 2-st. brick; one 2-st. frame; one boiler, one engine, 70 horse power. Estab 1890	222	1	28	1,500	500
JACKSON MILLING CO., mfrs flour and feed. Three buildings one 3-st. stone one 2-st. frame; one frame elevator; one boiler; one engine, 150 horse power. Estab. 1877.  Output for 1892, was 30,000 bbls flour and 1,200 tons feed.	10	1	11	2,500	1,700
LUTZ, A., brewer. Four buildings—one 2-st. stone; three 1-st. stone; one boiler; one engine, 10 horse power. Estab. 1866.	9		9		•• · • •
MITCHELL ROLLER MILLS, mfrs. flour and feed. Two frame buildings; one boiler; one engine, 85 horse power. Estab. 1878	5		5		
NORTH SIDE LUMBER CO., planing mill. Two 1 st. frame buildings—one boiler; one engine, 60 horse power. Estab. 1886	20		20	200	1,800
PORT, L., mfr. cigars. On first floor of 2-st. brick building; hand power. Estab. 1885	6		6		•••••
RICE, JOHN & BRO. CO., mfrs. machinery and general repair works. Two buildings—one 2 st. frame; one 1 st. frame; one boller; one engine, 40 horse power. Estab. 1878.	7		7	85	695

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ESTABLISHMENTS IMPROTED.	N:	Number of Employee.			of now			
	Male.	Fem.	Total	Oost of 1 building provemen	8			
SOUTH SIDE LUMBER CO., planing mill. Two 1-st. frame buildings; one boiler; one engine, 60 horse power. Estab 1890  **AccidentsThe filer lost four fingers in planer; a boy lost two fingers on a rip saw.	20		<b>20</b> ≟≐		\$1,800			
STEVENS POINT BOX CO., mfrs. boxes. Seven buildings—one 2-st. frame; five 1-st. frame; one 1-st. brick; two bollers; one engine, 80 horse power. Estab. 1884.	30		80		8,000			
STEVENS POINT JOURNAL, printing and publishing. On second floor of 2-st, frame building, hand power. Estab. 1866.	6		6		ļ			
STEVENS POINT LIGHTING CO., gas and electric lighting. Two 1-st. brick buildings; two boilers; two engines; 180 horse power. Estab. 1888	8		8					
STEVENS POINT STEAM LAUNDRY CO. one 1-st. frame building; one boiler; one engine, 25 horse power. Estab. 1891	4	12	16	<b>\$</b> 1,500	8, 500			
VETTER, H. A. & BRO., mfrs. odd size sash, doors and blinds and general wood work. Four buildings—three 1-st frame; one 1-st stone; one boiler; one engine, 75 horse power. Estab 1894	6		6	800	950			
WALLACE & KRANER, mtrs. lumber, lath and shingles. Five buildings—one 2-st. frame; four 1-st. frame; four boilers; one engine, 150 horse power. Estab. 1893	85		85	550	750			
WEEK, JOHN, LUMBER CO., mfrs. lumber, lath and shingles. Five buildings—one 2-st. frame; four 1-st. frame; four boilers; two engines, 160 horse power. Estab. 1831.  Output for 1893 was 8,000,000 ft. lumber, 1,970,000 lath, 6,948,000 shingles, 83,899 pickets. Accident.—A workman was injured by having his hand caught in gearing to live rollers.	92		93					
WISCONSIN CENTRAL RAILWAY SHOPS, mfrs. freight cars and general repair work. Seven buildings—five 1-st. brick; two 1-st frame; two boilers; one engine, to horse power. Estab. 18:0	239	2	241	 				
STOUGHTON-DANE CO.	l			1				
Inspected January, 1894, by Van Etten.  HINTZE, C. M., mfr. cigars. On second floor of 3-st. brick building, hand power. Estab. 1881	8	2	5		<b>.</b>			
STOUGHTON WAGON CO., mfrs. wagons and sleighs. Sixteen buildings—two 2½-st. brick; three 2½-st. frame; one 2-st. brick; eight 1-st. frame; buildings bridged; two boilers; one engine, 200 horse power. Estab. 1865 Condition of plant is very good.	160		160	2, 29	6, 908			
ZWICKER HENRY, mfr. cigars. One 1-st. frame building; hand power. Estab 1886	6	8	,	ļ				

		Number of Employes.			Number of Semployes.		NUMBER OF EMPLOYER.	r new ig im-	f new nery.
Establishments Inspected.	Malo.	Fem.	Total	Cost of new building im- provements.	Cost of new machinery.				
STRATFORD-MARATHON CO.  Reported by firm, February, 1894.  CONNOR, R. CO., THE, mfrs. lumber, lath and shingles. Four buildings-one 2.st. frame; three 1-st. frame; three bollers; one engine, 150 horse power.									
Estab. 1893 Cut of mill for 1992 was 6,500,000 feet lumber.	110	ļ	110	\$5,000	\$24,000				
SUGAR BUSH-OUTAGAMIE CO.  Reported by firm, April, 1894.  RUCKDASHEL BROS. saw mill. One 1-st. frame building, with engine room attached; one boiler; one engine, 40 horse power. Estab. 1885	15		15						
SUPERIOR—SOUTH SUPERIOR—WEST SUPERIOR—DOUGLAS CO.  Inspected July, 1898, by Van Etten.  SUPERIOR.  ANCHOR MILL CO., mfrs. flour. Four buildings—one 6-st. brick; one 1-st. frame; two bollers; one engine, 50) horse power. Estab. 1893  Note.—Machinery not yet in place; will start up about September 1st, and employ about 50 mes.  Ordered two fire escapes to be placed on the mill before said mill is used for manufacturing purposes. Capacity of one half mill 2,000 bbis, daily.				118,000	102,000				
BELT LINE ELEVATOR CO., grain elevator. Elevator M. 152 feet high; annex N 120 feet high; both frame iron veneer; three 1-st. brick buildings; two iron fire escapes; three boilers; two engines, 250 horse power. Estab. 1893	20		20						
DAISY ROLLER MILL CO., mfrs. flour. Five buildings—one 8 st. frame elevator, fron veneer; one 6 st. brick; one 2 st. frame; both fron veneer; four bollers; two engines, 1,100 horse power. Estab. 1493	110		110	150,000	250,000				
DAM, F. H. & CO., mfrs. sash, doors, blinds and mouldings. Three 1-st. frame buildings; one boiler; one engine, 60 horse power. Estab. 1880	1 30		. 30		200				
HARWOOD MANUFACTURING CO., mfrs. flour bbls. One 2-st. and two 1-st. frame buildings; one boiler; one engine, 30 horse power. Estab. 1993 Ordered two boys under 14 years of age discharged; a railing placed around fly wheel and main belt; a cover placed over gearing on hoop binder; and two doors at head of outside stairway changed to swing outward.	40		. 40						
LISTMAN, WM., MILLING CO., THE, mfrs. flour. Eight buildings—one 7-st. brick; one 2-st. brick; one 1-st. brick; one 6-st. frame elevator; one 1-st. frame; one 6-st. frame; one 2-st. frame; all iron veneer; three boilers; two engines, 600 horse power. Estab 1893	50		. 50	130,000	100,000				

			_		
Establishments Limpsoted.	No Es	Number of Employee.		of new ing im- ements.	thery.
	Yalo.	Fem.	Total	Cost of n building provemen	
SUPERIOR TERMINAL ELEVATOR CO., grain elevating. Elevator K 152 ft. high; annex L 120 ft. high, both frame iron veneer; three 1-st. brick buildings; two iron fire escapes; three boilers; two engines, 250 horse power. Estab. 1893	20		20	\$200,000	\$28,000
YOUGHIOGHENY & LEHIGH COAL CO., dealers and shippers of coal. Two buildings; docks 600 feet long and and 800 feet wide; two boilers; one engine, 150 horse power. Estab. 1892	75		75	11,000	8,000
SOUTH SUPERIOR.  DUPLEX WIND MILL CO. mfrs. wind mills, water tanks, etc. Seven buildings—six 1.st. brick; one 1.st frame; two boilers; one engine, 100 horse power. Estab. 1898.  Ordered one rip saw guarded and a rai'ing placed around the fly wheel; also ordered one boy under 14 years discharged. Note.—This company was formerly at Brooklyn, Wisconsin.	48		48	30,000	47,000
GOODMAN, WILCOX & CO., mfrs. office furniture and builders' supplies. Three buildings—one 2-st. frame; one 1-st. brick; one boiler; one engine, 25 horse power. Estab. 1890	1	,	15		700
LA BELLE WAGON WORKS. Two 1-st. brick buildings and several sheds; three boilers; one engine, 850 horse power. Estab 1890	172		175	5,000	2, 500
SEAGAR & GUNNISS, mfrs. brick. Five buildings— two 2-st. frame; three 1-st. frame; one boiler; one one engine, 40 horse power. Estab. 1890	20		20	ļ	1, 300
SUPERIOR MALLEABLE IRON CO., foundry. Three buildings—one 2-st. brick; one 2-st. frame; one 1 st. brick; one boller one engine, 75 horse power. Estab. 1891.	1	ļ 	38	20,000	6,000
SUPERIOR STOVE CO., mfrs. stoves, ranges, etc. Three buildings—two 2-st and two 1-st. brick; two boilers; one engine, 100 horse power. Estab. 1841	86		86	<b>36</b> 18	7 14,796
WEBSTER MANUFACTURING CO., mfrs. chairs and hard-wood lumber. Ten buildings—two 8-st. briek; one 8-st. frame; two 9-st. briek; four 1-st. frame; three iron fire escapes and buildings bridged; three boilers; four engines, 340 horse power Estab. 1891.  Ordered three fire escapes extended to roof. Note. —The company has stand pipes with hose attachments conveniently located on every floor. Accidents.—A workman was instantly killed by stepping off from the platform of elevator and failing	285	40	395	8,90	0 4,000
a distance of f0 feet, striking on his head; another workman lost a finger while removing saw dust from under saw.  WEST SUPERIOR.  ADAMANT MFG. CO. OF AMERICA, mfrs adamant and wall plaster. One 2-st. frame building; one					
boiler; one engine, 23 horse power. Estab. 1889  AMERICAN STEEL BARGE CO., mfrs. steel barges and steamers; repairing same, dry dock and operat-	9		9		

Report of Inspection—Continued.

Departments Inspected.		NUMBER OF EMPLOYEE,		NUMBER OF EMPLOYEE		3 7 8	
	Male.	Fem.	Total	Cost of r	Cost of nemachinery		
ing vessels. Eleven buildings—three 2-st frame; seven 1-st. frame; one 1½-st. frame; six boilers; eight engines, 205 horse power. Estab. 1890	750		750	\$6,000	\$15,000		
BADGER STATE MANUFACTURING CO., mfr. sash, doors, blinds and general mill work. Two 1-st. frame buildings; electric motor, 30 hor se power. Estab. 1890			25		250		
BARKER C. S., dredging and dry docks. Three 1-at. frame buildings,—one boiler; one engine, 30 horse power. Estab. 1:86.	175		175	1.800	1 4.000		
BROADWAY STEAM LAUNDRY. One 1-st brick building and on first floor of 2-st brick building; one boiler; one engine, 10 horse power. Estab. 18-7  Accident. A girl caught hand in an ironing mangle, injuring it quite severly. Note.—Said mangle was weil guarded.	1	14	18		1.000		
CALL PUBLISHING CO., printing and publishing. One 2-st. brick; electric motor, 5 horse power. Estab. 1887	11	8	14		1.000		
CASCADE STEAM LAUNDRY, (Clark & Sandy, Props.) One 1-st. frame building; one boiler; one engine, 10 horse pow.r. Estab. 1892	8	12	15		1.510		
C HRISTIE ROBERT (successor to Michigan Mig. Co.) mfrs. hingles. Two buildings—one 2 st. frame; one 1-st. brick: one boiler; one engine, 50 horse power. Estab. 1831	i						
DOUD SONS & CO, mfrs. flour barrels. Two 2-st. frame buildings—one boiler; one engine, 15 horse power. Estab. 1892	10		10	4.000	8.000		
Ordered door at head of outside stairway changed to swing outward; also seven boys under 14 years discharged.							
DULUTH ELEVATOR CO., grain elevating. Elevator No. 1. 185 tt. high. No. 2. 88 ft. high. No. 3. 191 ft. high; one 2-st. brick building; eight iron fire escapes; six bollers; three engines, 960 horse power. E-stab. 1887.	40		40		8.000		
EASTERN RAILWAY CO., OF MINNESOTA. repair ahops. Eight buildings—one 2-st. brick; four 2-st. brick; three 1-st. frame; two boilers; one engine, 25 horse power. Estab. 1888	85		85	750			
FREEMAN MILLING CO., mfrs. flour. Three buildings - one 6-st. brick; one 1-st. brick; one 1-st. frame; three boilers; one engine, 175 horse power. Estab.  1894  Ordered two fire escares erected; the fly wheel in engine room en losed and railing placed at head of stairway. Accident.—A workman lost a finger by being caught in a car puller. Capacity of mill 2,500 bbis. daily.	60		60	110,000	90,000		
GREAT NORTHERN ELEVATOR CO., grain elevating. Elevator A, 183 feet high. Elevator X, 70 feet							

Retablishments Inspected.	Number of Employee.							
	Malo.	Fem.	Total	Cost of pullding proveme	Cost of machin			
high, and two 1-st. frame, all iron veneer; four iron fire escapes; four bollers; two engines, 650 horse power. Estab. 1886	85		88	\$1,500	\$7,000			
HALLOCK, HARMON LEADER CO., job printing. On first floor of 8-st. brick building; power furnished by Superior Leader Co. Estab. 1892	16	6	22		5, 100			
HEWSON, A. C., mfr. roofing material and iron cor. nices. One 1-st. frame; building; hand power. Estab- 1890	25		25	· · · · · · · · · ·				
HEWSON, SCANLAN CO., mfrs. sash, doors, blinds and moulding. Three buildings two 2-st. and one 1-st. fram: one boiler; one engine, 35 horse power. Estab. 1830	35		85	2,00	5,000			
KLINKERT BREWING CO., THE. Eight buildings— one 3-st. frame; two 2-st. frame; five 1-st. frame; one boiler; one engine, 80 horse power. Estab. 1830	18		18	·				
LAKE SUPERIOR, MINERAL PAINT & COLOR CO. One 2-st. building; one boiler; one engine, 45 horse power. Estab. 1883 A fire July 11th, 1893, destroyed the plant; loss. \$14,183.	7		7	4, 182	10,000			
LEHIGH COAL & IRON CO, dealers in coal and iron. Four buildings—one 3-st. frame boarding-house; four 1-st. frame; two fire escap-s; three bollers; nine engines, 815 horse power. Estab 1856 Note.—At the time of inspection the affairs of this concern were conducted by an assignee. Accident.—A workman was killed by a piece of coal falling and striking him on the head.	270		270	4,500	900			
MARX & ZIMMERMAN, mfrs. cigars. One 1-st. frame building; hand power. Estab. 1890	6		6					
MAST R. C., bookbinder. On second floor of 2-st. brick building; hand power. Estab 1890	5	8	8	· · · · · ·	1,500			
MILLHUFF & GAGE MFG. CO., mfrs. stoves, heaters and ranges. Six buildings -one 2-st. brick; one 1-st brick; four 1-st frame; one boller: one engine, 25 horse power. Estab. 1892	85		85	18,500	6,500			
MINKOTA MILLING CO., mfrs. flour. Five build- ings—one 6-st. frame elevator; one 5-st. frame mill; one 2-st. frame; one 1 st frame: all iron veneer; one 1-st. brick; two boilers; two engines. Estab. 1893	25		25	• • · • • • • • • • • • • • • • • • • •	 			
MURRAY C. 8 & CO., mfrs. lumber. lath and shingles. Six buildings—one 2-st. and three 1-st. frame; one 1-st. brick; one 1-st. stone; nine boilers; two engines, 120 horse power. Estab. 1888.  Cut of mill for 1893 was 15,000,000 feet lumber; 4,000,000 lath; 4,500,000 shingles.	100	•••	100	•••				
NORTHWESTERN COAL CO., dealers in coal. Docks Nos. 3 and 4 and four 1-st. frame baildings; four boll- ers; three engines, 390 horse power. Estab. 1888	95		95		730			

Report of Inspection—Continued.

Betaringuments Improveda	NUMBER OF EMPLOYED.				of new inery.
	Male.	Fem.	Total	Cost of new building im- provements.	Cost of machine
OHIO COAL CO., dealers in coal. Four 1 st. frame buildings; two boilers; four engines, 210 horse power. Estab. 1889.	100	ļ	100		
PEYTON, KIMBALL & BARBER. mfrs. lumber, lath and shingles Eight buildings -one 3 st frame; two 2-st. frame; two 1 st. frame; two 1 st. brick; one 1-st. stone; seven boilers; two engines, 330 horse power.  Estab. 1834  Orderd one boy under 14 years discharged. 4-cident.—A boy lost two fingers on shingle bolter.	225		225	\$165	\$30,000
PHILADELPHIA & READING COAL & IRON CO., THE, successors to Silver Creek & Morris Coal Co. Six 1-st. frame buildings—three boilers; five engines, 180 horse power. Estab. 1800.  Accident.—An employe was killed by a car being switched against him.	1 00	 	80	5,800	
RUSSELL & MILLER MILLIN GCO., THE, mfrs. flour Six buildings—one 7-st. brick; one 3-st. brick; four 1-st. brick; three boilers; one engine, 100 horse power. Estab. 1893  Ordered two fire escapes on mill building. Note — The machinery was not all in at time of inspection, expect to start up very soon.	1 60		60	142,000	95,000
ST PAUL & WESTERN COAL CO., dealers in coal. Five 1 st. frame buildings; two boilers; eight engines 225 horse power. Estab. 1888.	107		107	8.000	
STANDARD OIL CO., pumping oil. Two 1-st. brick buildings - three 5000 gal. tanks; one boiler; one en- gine, 25 horse power. Estab. 1889	21		21		850
STROTHMAN BROS., Standard Iron Works, machine shops, foundry and forge works. Three buildings—one 1-st. brick; two 1-st. frame; one boiler; one engine, 25 horse power. Estab. 1889			. 24	4,800	8,178
SUPERIOR BAG & PRINTING CO., job printing and book binding. On first floor of 2-st. brick building; one gas engine, 7 horse power. Estab. 1892. Ordered caps placed on projecting keys on fly wheels of their printing presses. Note.—This company intend soon to commence the manufacture of flour sacks, employing about 75 persons.	12	8	15		1,500
SUPERIOR CUT STONE CO., sawing and cutting stone Two 1-st. frame buildings and seven sheds one boiler; one engine, 50 horse power. Estab. 1889  **Accident.**—A workman had a leg broken by a stone falling on him.	48		. 40		8,000
SUPERIOR LEADER, THE, since changed to the Mid dieton Manufacturing Co., printing and publishing One 2-st. and basement brick building; electric mo tor, 21 horse power. Estab. 1890	:1	1	37		11,75
SUPERIOR MFG. & LUMBER CO, mfrs. sash, doors blinds and mouldings. Four buildings—two 8-st frame; one i-st. brick; one i-st. frame; one boller one engine, 35 horse power. Estab 1886	85 i		. 85	2,75	1,006
SUPERIOR RAPID TRANSIT RAILWAY CO., electric street railway. Two buildings—one 2-st. brick	;				

Zeparlerikents Inspected.	N	Number of Employee.		of new ing im- sments.	of new dates.
	Male.	Fem.	Total	Cost of rebuilding provement	COM
one 1.st. brick; three boilers; two engines, 650 horse power. Estab. 1889  Note.—This company owns and operates 26 miles of street railway. Of the 70 men reported, 65 are motormen and conductors.	70		70		
SUPERIOR SHIRT CO., THE, mfrs. shirts and laundry work. One 2-st. and basement brick building; one boiler; one engine, 25 horse power. Estab 1832. Ordered door at foot of stairway changed to swing outward.	7	18	25		\$12,000
SUPERIOR STEAM'LAUNDRY (Erickson & Paulson, props.). One 1-st. and basement frame building; one boiler; one engine, 7 horse power. Estab. 1891.	2	9	11		663
SUPERIOR WATER, LIGHT & POWER CO., water supply, gas and electric lighting. Five buildings- four 1-st. brick and iron; one 1-st. frame; six boilers; three engines, 650 horse power. Estab. 1887, 1888 and 1889	24		24	\$1,000	80,000
SEPERIOR WAVE, THE, T. B. Gregg, prop., printing and publishing. One 2 st. frame building; electric motor, 3 horse power. Estab. 1886	5		5	••••	175
TELEGRAM PRINTING CO., printing and publishing. One 2-st brick building; electric motor, 7 horse power. Estab. 1890	89	1	40		8,000
TOEPFER BROS., mfrs. cigars. On second floor of 2-st. frame building; hand power. Estab. 1890	5		5		
TROY STEAM LAUNDRY (Moore & McKay). One 1-st. frame building; one boiler; one engine, 15 horse power. Estab. 1890	1	10 .	1:		700
WAREHOUSE & BUILDERS' SUPPLY CO., burners of lime and dealers in builders' supplies. Five buildings—four 2-st. frame; one 1-st. frame; two boilers; two engines, 40 horse power. Estab. 1890 A fire July 11th, 1838, which originated in the Lake Superior Paint, Oil & Color Co.'s buildings adjoining, caused the lime kilns to burn; loss, \$20,000.	125		195	80,000	10,000
WEST SUPERIOR BREWING CO. Three buildings—one 3-st. frame; two i-st. frame; one boiler; one engine, 30 horse power. Estab. 1889	7		7	•••••	
WEST SUPERIOR IRON & STEEL CO., mfrs. cast fron, water and steam pipes, steel plates, etc. Twenty-five buildings—one 2-st. fron; two 2-st. frame; five 1-st. iron; six 1-st. brick; eleven 1-st. frame; three bollers; six engines, 650 horse power. Estab. 1889 Note.—Very few men employed at time of inspection as the plant was in the hands of the sheriff and will be sold by him August 15th. There has been a vast amount of building improvements and new machinery added since last inspection, but was unable to get figures. The average number of employes for last year was 550.		Note.			
WEST SUPERIOR LUMBER CO., mfrs. lumber, lath and shingles. Four buildings—one 2 st. frame; three 1-st. frame; aix bollers; three engines, 270 horse power. Estab. 1890. Ordered a railing placed around flat pulley to shingle machine. Accident.—A workman had his	210		210	4,600	೫ನ

	4				
Establishments Improved.		Number of Employee.		Cost of new building improvements.	of Ber
	Malo.	Fem.	Total	D D C	38
right hand cut off on a lath trimming saw. Out of mill for 1892 was 18,500,000 feet lumber; 5,000,000 lath; 3,000,000 shingles.					
WEST SUPERIOR WOOLEN MILLS, mfrs. woolen goods. Five buildings—one 3-st. brick; one 2-st. brick; one 2-st. frame; two 1-st. frame; two bollers; one engine, 176 horse power. Estab. 1891	17	15	82	, \$18,000	\$12,000
YOUGHIOGHENY & LEHIGH COAL CO., dealers in coal. Three 1-st. frame buildings; two boilers; tour engines, 140 horse power. Estab. 1598	75		75	75,000	50,000
THORP-CLARK CO.	1	1			
Inspected March, 1994, by Van Etten.					
BOARDMAN, E. A., mfr. lumber One 2-st. and one 1-st. frame buildings; two boilers; one engine, 35 horse power. Estab. 1887	10		10		•••••
CIRKEL, J. W. & SONS, mfrs. flour bbls. stock. Eight 1-st. frame buildings; five boilers; four engines, 350 horse power. Estab. 1884	65		65	1,500	1,800
NYM, LUSK & HUDSON, mfrs. lumber, lath and shingles. Six buildings—two 2 st. frame; four 1-st. frame; two boilers; one engine, 70 horse power. Estab. 1882. Cut of mill for 1892 was 8,500,000 feet lumber.	45		45		2,000
TOMAHMONROE CO.	1				
Inspected March, 1893, by Van Etten.					
C. M. & St. P. RY. Bridge building department. Seven buildings.—Two 1 st. brick; five 1 st. frame; two boilets; one engine, 45 horse power. Estab. 1890 Ordered a guard placed on rip saw and a railing placed around drive wheel in engine room. Accidents.—A workman had his leg broken by piles falling on him; another lost thumb on jointer.	85		86	6,000	4,000
GOODYEAR, D. A. & C. A., planing mill. Five buildings—One 1 st. stone; four 1-st. frame; one boiler; one engine, 125 horse power. Estab. 1888	125		125		1,000
TOMAHAWK-LINCOLN CO.					
Inspected September, 1893, by Van Etten.  BAY MILL CO., mfrs. lumber. lath and shingles (located at town of Rock Falls, Tomahawk P O.).  Three buildings—one 2-st. frame; two 1-st. frame; six boilers; one engine, 230 horse power. Estab. 1893	90		90	12,000	18,000
CRANE BROTHERS, mfrs. lumber, lath and shingles. Six buildings—two 2-st. frame; four i-st. frame; four boilers; two engines, 275 horse power. Estab. 1891 Ordered caps piaced over two set screws and pulleys on planer. Accident.—A workman had his ankle broken by being hit by a piston rod. Cit of mill for 1892 was 7,200,000 ft. lumber; 3,000,000 lath; 2,500,000 shingles. Boarding house connected.	1	3	59	••••	575
FARMERS' LUMBER CO., mfrs. lumber and lath. Four buildings—one 1-st. frame; three 1-st. frame; four boliers; two engines, 175 horse power. Eatab. 1891 Cut of mill for 1892 was 4,885,520 ft. lumber; 2,638,000 lath.	45	   	48	••••	

Retablishments Insproved.		Nuaber of Employes.				of new ing im-	of Bew disery.
•	Yale.	Fem.	Total	D of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of	0		
SOMO LUMBER CO., mfrs. lumber and lath. Four buildings — one 2-st. frame; three 1-st. frame; nine; bollers; two engines, 225 horse power. Estab. 1590. Ordered a cover placed over geaeing to live rollers. Cut of mill for 1892 was 7,500,000 ft. lumber; 2,500,000 lath.	50		. 50	\$5,000	\$3,000		
TOMAHAWK BOX CO., mfrs. boxes and box sooks. On second floor of 2-st. frame building; 40 horse power furnished by Tomahawk Lumber Co. Estab. 1892	20		. 200		3,000		
TOMAHAWK LUMBER CO., mfrs. lumber, lath and shingles. Two saw mills and one planing mill. Eight buildings—one 3-st frame; two 2-st. frame; four 1-st. frame; one 1-st. brick; five boilers; four engines, 750 horse power. Estab. 1858 and 1899	143		143		8,000		
TOMAHAWK PULP & PAPER MILLS. Two buildings—one 2-st. and one 1-st. frame; two boilers, 800 horse power. Estab. 1889	15		15	ļ			
TOMAHAWK LAKE—ONEIDA CO. Reported by firm, February, 1894.  LAKE SHORE LUMBER CO. Saw mill; two boilers; one engine, 80 horse power. Estab. 1892	45 ,		45	Note.			
TREMPEALEAU-TREMPEALEAU CO.	i		i	i			
Inspected April, 1893, by Van Etten.	ĺ	l	}				
CHURCH BROS., mfrs. lumber, flour and feed. One 2-st. and two 1-st. frame buildings; one boiler; one engine, 35 horse power. Estab. 1878	5		5	750	1,200		
RIVERSIDE BUTTER & CHEESE CO. Three 1-st. buildings; one boiler; one engine, 9 horse power. Estab. 1891 Ordered projecting keys on fly wheel covered and a railing placed around fly wheel.	6	••••	6	800	1,000		
TRIPPVILLE—VERNON CO.		ļ 1 ;					
Reported by firm, February, 1894.  TRIPP, D. N., cooperage and mfr. lumber. Descriptions of buildings not given; one boiler; one engine, 60 horse power. Estab. 1860.  Note.—Can run both by steam and water power. Accident.—The son of the proprietor had his hand cut on a saw.	8	2	12	•••••	1,100		
TWO RIVERS-MANITOWOC CO.		.					
Inspected November, 1893, by Zwaska.  EGGERS, F., mfr. veneer seating. Five buildings—two 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; one engine, 40 horse power. Estab. 1886	19		12		•••••		
HAMILTON MANUFACTURING CO., mfrs. wood type and printers' furniture. Six buildings—two 3-st. frame; one 2-st. brick; one 2-st. frame; one 1-st. brick; one 1-st. frame; one fire escape and buildings bridged; two boilers; one engine, 250 horse power. Estab. 1891	167	7	174		10,000		

Establishments Indproved,	NUMBER OF EMPLOYES.			NUMBER OF SAME		Cost of new building im- provementa.	of new linery.
	Male.	Fem.	Total	Droge	Sec		
planer; another had his hand severely cut on a rip saw. Note.—Automatic water sprinklers through- out the plant.			,				
MUELLER, R. E., brewer. Four buildings—three 2-st. brick; one 1-st. brick; one boiler; one engine, 15 horse power. Estab. 1848	8		8	<b>\$</b> 5,000	\$1,500		
SCHROEDER BROS, merchant millers. Two buildings one 3-st and one 1-st brick; one boiler; one engine, 85 hor-e power. Estab. 1878	5	••••	5	······			
TWO RIVERS MANUFACTURING CO. Plant A., mfrs. chairs. Seven buildings—two 8-st. frame; one 2-st brick; two 1-st. frame; two iron fire escapes and buildings bridged; four boilers; two engines, 425 horse power. Estab.  **Accident.**—A workman had his leg broken while helping to unload a new engine from a car. Note—Firm employ a large number of persons outside of factory covering chairs.	000	10	210	8,000	7 <b>,89</b> 0		
TWO RIVERS MANUFACTURING CO. Plant B., mfrs. pails and wash tubs. Six buildings—two 3 st. frame; three 2-st. frame; one 1-st. brick; 16 dry kiins; one wooden fire escape, three boilers; eight engines, 1,850 horse power. Estab. 1855	800		800				
UTLEY-GREEN LAKE CO.			!				
Reported by firm, March, 1894.	1			ļ			
GREEN LAKE GRANITE CO. Quarrying stone. De scription of plant not given; two boilers; one engine 100 horse power. Estab. 1884	40		40		••••		
VALTON-SAUK CO.							
Reported by firm, January, 1894.		ľ	í				
BUNKER, R. M. & CO., saw and planing mill. Main building 40x80, wing 20x50; one boiler; one engine, 25 horse power. Estab. 1882	5		5	800			
VESPER-WOOD CO.	- [	i	İ	j			
Inspected March, 1894, by Van Etten.	1	- 1	1	1			
SHERRY-CAMERON CO., THE, mfrs. lumber, lath and shingles, seven buildings—three 2-st. frame; four 1-st. frame; five boilers; three engines, 3-55 horse power. Estab. 1874  A fire June, 1893, destroyed planing mill, loss \$4,000. Cut of mill for 1892, was 6,500 000 ft. lumber; 8,000,000 lath; 4,000,000 shingles.	135		125	1,200	8,900		
WARRENS-MONROE CO.	ļ		j	ļ			
Inspected, April, 1898, by Van Etten.	- 1		1	İ			
WARREN, GEO., CO., mfrs. lumber, lath and feed. Eight buildings—three 2-st. frame; five 1-st. frame; three boilers; three engines, 100 horse power. Estab. 1868	61	1	65		2,000		

		Number of Employes.			***
Establishments Inspected.	Male.	Fem.	Total	bullding	Cost of maculo
WASHBURN-BAYFIELD CC.		1			
Inspected August, 1894, by Van Etten.					
BIGELOW, A. A. & CO., mfrs. lumber, lath and shingles Seven buildings—three 2 st. frame; four 1-st. frame; seventeen boilers; six engines, 768 horse power. Estab. 1886	185		183	<b>\$</b> 5, <b>0</b> 00	\$1,000
NORTHWESTERN FUEL CO., coal dealers. Two 1-st. frame buildings; five boilers; four engines, 150 horse power. Estab. 1884	65		65	17,500	
NYE, JENKS, & CO., elevating grain. Two buildings—one 5-st. frame iron veneer; one 1-st. brick; two iron fire escapes; two boilers; one engine, 650 horse power Estab 1886	20		20		. <b></b>
SOUTH SHORE LUMBER CO., mfrs lumber and lath. Nine buildings—four 2 st. frame; four 1-st. frame; one 1-st. brick; twelve boilers; four engines, 855 horse power. Estab. 1835  Accident.—A workman was seriously injured by a tramway falling with him. Note.—Company owns and operates electric light plant and water works system. Cut of mill for 1892, was 38,0.0,000 feet lumber; 7,000,000 lath.	225	••••	225	8, 000	2,000
THOMPSON, C. C., LUMBER CO., mfrs. lumber, lath and shingles. Eight buildings—three 2-st. frame; five 1 st. frame; ten boilers; six engines, 300 horse power. Estab. 1884	200		200	1,500	5,000
WASHBURN BOX CO., mfrs. boxes. Four buildings—one 2-st. frame: three 1-st. frame; two boilers; one engine. 100 horse power. Estab. 1898	40	••••	40	••••	
WASHBURN BREWING CO. Six buildings—three 2-st. brick; two 1-st. brick; one 1-st. frame; one boiler; one engine, 13 horse power. Estab. 1889	7		7	8, 460	6,319
WASHBURN MFG. CO., THE, mfrs. sash, doors, blinds, and general wood work. Three buildings — one 2-st. frame; one 1-st. brick; one 1 st. frame; one boiler; one engine, 125 horse power. E-stab. 1893 Ordered railings placed around a fly wheel, crank of engine and at head of stairway.	16		16	1,187	8,000

Establishens Indenoted.			Number of Employes.				1 i
	Male.	Fem.	Total	Cost of proven	0 1		
WATERLOO-JEFFERSON CO. Reported by firm February, 1894.  ROACH-SEEBER CO., commission merchants. Eleven creameries and one elevator; eleven boilers; ten engines, 150 horse power. Estab. 1884	25	1	26		ļ		
WATERTOWN-JEFFERSON CO. Inspected in Oct., and Nov., 1894 by Van Etten. BADGER STATE BOTTLING CO., (S. M. Eaton & Son, Props.) mirs, carbonated beverages. Three buildings-one 2-st. frame; two 1-st. frame; one boiler; one engine, 10 horse power. Estab. 1868	20		20		•••••		
BLAESIUS TABLE SLIDE CO., THE, mfrs. table slides. Six buildings — one x-st. frame; four 1-st. frame; one.1-st. brick; one boiler; two engines. 75 horse power, Estab 1889	17		17	<b>\$</b> 3,942	\$3, 202		
BRANDT—DENT CO., THE EDWARD J., mfrs. gas fixtures. Four buildings—one 3 st. brick; two 1 st. frame; one boller; one engine, 25 horse power. Estab. 1890 Ordered one fire escape erected on east side of building.	21		21	6,874	1,200		
BUCHHEIT, WM., MALTING CO., grain elevating and mfrs. mait. Thirteen buildings—one 5-st frame; two 4-st. frame; two 8-st. brick; one 8-st. frame; two 1-st. brick; two 1-st. brick; two 1-st. frame; five bollers; four engines, 855 horse power. Estab. 1889	85		85	40,000	4,200		
CORDES, L. H. & CO., mfrs. brick. Two yards, three 1-st. brick buildings; three builers; three engines, 66 horse power. Estab. 1884 and 1899.  **Accident**—A workman had his leg broken by bank caving on him. In 1892 manufactured 4,000,000 brick.	75		75	8,000	1,520		
FORNCROOK, JAS, mfr. bee hives, shipping crates, etc. Two buildings—one 2-st. frame; one 1-st. brick; one boiler; one engine, 35 horse power. Estab. 1881	12		12		650		
FUERMANN, A., BREWING CO. Four buildings—one 3-st. brick; one 2-st brick; one 1-st. brick; one 1-st. frame; two Iron fire escapes; two boilers; two engines, 150 horse power. Estab. 1849 Output for 1892 was 19,965 barrers of beer. Note.—The company has its own water works system; stand pipes on each floor with 50 ft. hose connections.	25		25	750			
GLOBE MILLING CO. (Empire mill), mfrs. flour and feed. Three buildings One 8-st. brick; one 2-st. brick; one 1-st. frame; one boiler; one engine, 150 horse power (water), 125 horse power (steam). Estab. 1871  Daily copacity 200 bbis.  GLOBE MILLING CO. (Globe mill), merchant milling Three buildings—one 4-st. brick; one 2-st. frame; one	18		. 18				

Establishments Despected		Number of Employes.					NUMBER OF EMPLOYEE.		og im-	in and a
	Male.	Fem.	Total	Cost of new building im- provements.	Corr					
1-st. frame; three boilers; two engines, 150 horse power (water), 800 horse power (steam). Estab. 1847 Daily capacity, 600 bbls. Output for 1892 was 121,530 bbls. Note.—Since inspection plant was destroyed by fire, loss about \$90,000.	25		25							
HARTIG & MANZ, brewers and malsters. Seven buildings—one 4-st brick; one 8-st, brick; two 2-st, brick; one 2-st, frame; one 1-st, frame; one 1-st, frame; one 1-st. brick; three boilers; three engines, 160 horse power. Estab. 1884.  Output for 1993 was 18,110 bbls. of beer.	81		81	\$4,500	\$4,000					
HEINRICHS, PH., CO., THE, mfrs. furniture and mill work. Five buildings—two 2-st frame; two 1-st, frame; one 1 st. brick; buildings bridged; one boiler; one engine, 35 horse power. Estab. 1887	85		35	500	150					
KOENIG, B. P. & CO., (Eagle Mills), mfrs. flour and feed. Two buildings—one 8-st. brick; one 1-st. frame; one boiler; one engine, 60 horse power (water), 45 horse power (steam). Estab. 1881	9		9		7,200					
KRAMER & NEUMANN, mfrs. cigars. On first floor of 2-st. brick building; hand power. Estab. 1893 Output for 1892 was 273,000 cigars.	14	 	14							
KUNERT, E., MFG. CO., THE, machine shops, foundry and boller works. Seven buildings—two 2-st. brick; four 1-st. frame; one 1-st. brick; one boller; one engine, 18 horse power. Estab. 1875	46	ļ 	46		8,500					
LEWIS, G. B. CO., mfrs. bee keepers' supplies, basket boxes and dove tailed boxes. Five buildings—one 8-st. frame; two 8-st. brick: two 1 st. brick; one iron fire escape; two bollers; one engine, 125 horse power (steam) 90 horse power (water). Estab. 1869.  Output for 1892 was 21,500 bee hives and 6,000,000 sections.	60	10	70	•••••	8,000					
MILLER, A. F., mfr. cigars. On first floor of 2 st. frame building; hand power. Estab. 1861 Output of factory for 1892 was 221,200 cigars.	5	<b>.</b> .	5	•••••						
QUENTMEYER & BOOMER, mfrs. brick. Three 1-st. brick buildings; one boiler; one engine, 15 horse power. Estab. 1881	17		17	••••	ļ					
SCHLUETER BROS., mfrs. cigars. On first firor of 2-st. brick building; hand power. Estab. 1879 Output for 1892 was 869,800 cigars.	7		7	•••••						
WATERTOWN BRICK & TILE CO. Five buildings— three 1-st. brick; two 1-st. frame; two boilers; two engines, 56 horse power Estab. 1870	45	·····	45	15, <b>00</b> 0	3,000					
WATERTOWN ELECTRIC LIGHT CO. One 2-st. brick building; two boilers; three dynamos; one engine, 130 horse power. Estab. 1889	5		5							
WATERTOWN GAS CO. Three buildings—one 2-st. brick; two 1-st. brick; one boiler; one engine, 1 horse power. Estab. 1858	6		6	5,000	13,900					
WATERTOWN MANUFACTURING CO., foundry, boiler and machine shop. Three buildings—two 1-st.					İ					

Report of Inspection—Continued.

Becausements Despoted.		NUMBER OF EMPLOYES.					a i
	Male.	Fem.	Total	Cost of n building provemen	Cost of machin		
brick; one l-st. frame; two boilers; two engines, 20 horse power. Estab 1888	15		15	\$2,089	\$4,078		
WATERTOWN SHOE CO., mfrs. fine shoes. One 2-st. brick building; one boiler; one engine, 20 horse power. Estab. 1888 Ordered a railing placed at side of fly wheel.	86	18	54	<b></b>			
WATERTOWN STEAM LAUNDRY. First floor and basement of 2-st. brick building; one boiler; one engine, 6 horse power. Estab. 1826	2	4	6		105		
WATERTOWN STONE CO. mfrs. cut and sawed stone Two 1-st. frame buildings; one boiler; one engine, 45 horse power. Estab. 1898	7	 	7	8,500	12,000		
WATERTOWN WELTBUERGER, D. Blumenfeld & Son, proprs Printing and publishing. One 2 st. brick building; one boiler; one gas engine, 2 horse power. Estab. 1853	18	2	15		400		
WIGGENHORN BROS., mfrs. cigars and smoking to- bacco. One 2-st. brick building; hand power. Estab. 1858	48		48				
WILKWOSKI BROS., mfrs. cigars. On first floor of 2-st brick building; hand power. Estab. 1884 Output for 1892 was 454,100 cigars.	12	1	18	,			
WOODARD & STONE, mfrs. crackers and confec- tionery. Five buildings—two 3-st. brick; two 2-st. brick; one iron fire escape; two boilers one engine, 32 horse power. Estab. 1867	50	25	75	8,000	7,000		
WAUKESHA-WAUKESHA CO.	İ	İ					
Inspected December, 1898, by Van Etten.							
ALMANARIS CO., THE, mfrs. ginger ale, cherry phosphate, etc. Two buildings—one 2-st. frame; one i-st. frame; one builer; one engine, 4 horse power. Estab. 1842	6		6	100	1,600		
BERRY'S STEAM LAUNDRY. On first floor of 2-st. brick building; one boiler; one engine, 18 horse power. Estab. 1888	8	7	10		750		
BETHESDA BREWERY (W. A. Weber, prop.). Ten buildings—two 2-st. stone; four 2-st. frame; three 1-st. stone; one 1-st. frame; one boiler; one engine, 20 norse power. Estab. 1864 Output of brewery for year ending June 80, 1893, was 5,315 % barrels.	11		11	4,000	2,000		
BETHESDA MINERAL SPRING CO., bottlers of Waukesha water. Two buildings—one 2-st. and one 1-st. frame; one boiler; one engine, 6 horse power. Estab. 1878	15	1	16	8,000			
BLAIR BROTHERS, machinists and founders. Two		1	1	١ ,			

Establishments Insprotes.	N	Number of Employee.		Number of Employme.		Cost of new building im- provements.	Cost of new machinery.
	Male.	Fem.	Total	Cost build prove	Cont		
buildings—one 3-st. and one 2-st. stone; one boiler; one engine, 20 horse power. Estab. 1886	11		11				
DODD, SAMUEL, contractor and builder, and mfr. sash, doors and blinds. Two 2-st, frame buildings; one boiler; one engine, 15 horse power. Estab. 1870.	5		5				
HENK MINERAL SPRING & BOTTLING CO., mfrs. ginger ale, phosphate, and bottlers of Waukesha water. Two 2-st. frame bulldings; one boiler; one engine, 2 horse power. Estab. 1881	12		12				
SILURIAN MINERAL SPRING CO., bottlers of Waukesha water and mfrs. ginger ale, wild cherry phosphate, tonic and vichy. Five buildings—two 2-st. frame; two 1½-st. frame; one boiler; two engines, 78 horse power. Eatab. 1879	19	1	20	\$8,500	<b>\$730</b>		
WAUKESHA AMERICAN GAS CO. Three buildings— two 1-st. brick; one 1-st. frame; one boiler. Estab. 1885	5		5				
WAUKESHA ARCADIA CO., THE, bottlers of Waukesha water and mfrs. ginger ale, anti-maiarial tonic and wild cherry phosphate. Two buildings—one 2-st. and attle stone; one i-st. stone; one boiler; one enf. gine, 20 horse power. Estab. 1885	18	2	20		450		
WAUKESHA COUNTY DEMOCRAT, printing and publishing. On second floor of 8-st. brick building; one gas engine; two horse power. Estab. 1852	5		5		600		
WAUKESHA DISPATCH, THE, printing and publishing. On first floor of 2-st. frame; one electric motor, 4 horse power. Estab. 1891	£7		7		8,500		
WAUKESHA ELECTRIC LIGHT CO. Two buildings—one 1-st. brick; one 1-st. france; two boilers; two engines, 200 horse power. Estab. 1886	6	1	7				
WAUKESHA FREEMAN, THE, printing and publishing. One 2-st. brick building; water motor; 4 horse power. Estab. 1859.	ŗ	1	8	••••			
WAUKESHA HYGEIA MINERAL SPRINGS CO., THE. Bottlers of Waukesha water. Three build- ings two 2-st. and one i-st. frame; one boller; one engine, 12 horse power. Estab. 1891	15		15		•••••		
WAUKESHA LITHIA SPRINGS CO., bottling. Three buildings—one 2-st. and two 1-st. irame; one boiler; one engine, 5 horse power. Estab. 1892	11		11	•••••	l 		
WHITE ROCK MINERAL SPRING CO., bottles Waukesha water and mfrs. ginger ale. Two buildingsone 2 st. and one 1-st. frame; one boiler; one engine, 6 horse power. Estab. 1884	14	1	15				
WISCONSIN CENTRAL RAILWAY SHOP3, general repair work. Six buildings—two 2-st. and four 1-st. brick; three boilers; two engines, 270 horse power. Estab. 1896.  Accident.—A workman was killed in December, 1891, in the round house by a locomotive. The condition of this plant is good.	158	1	159	•••••	1,100		

Report of Inspection—Continued.

ESTABLISHMENTS INSPECTED.	Emplo		NUMBER OF EMPLOYER. O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O TOTAL O				of new ng im- ments.	Jost of new machinery.
	Male.	Fem.	Total	Cost o	Sost o			
WAUPACA-WAUPACA CO.		ı						
Inspected January, 1894, by Van Etten.								
EVANS, J. W., mfr. woolen cloth. Three utildings— two 2st. and one 1-st. frame; one boiler; 50 horse power (water). Estab. 1867	9	5	14					
HANSON. A. M., planing and custom saw mill. Two 1-st. frame buildings; one boiler; one engine, 25 horse power. Estab. 1891	10		10	\$1,000	\$1,800			
ROBERTS & OSBORN, mfrs. flour and feed. Three buildings—one 4-st. and two 1-st. frame; 85 horse power (water). Estab. 1884	7		7	500	1,000			
SHEARER & FOX, planing mill. Five buildings— one 2-st. and four 1-st. frame; 45 horse power (water). Estab. 1860	15	1	16					
WAUPACA COUNTY REPUBLICAN, printing and publishing. On second floor of 2-st brick building; hand power. Estab. 1853	8	2	5					
WAUPACA PLANING MILL, A. G. Nelson, prop., mfrs. sash, doors, blinds, flour and feed. Three 2-st. frame buildings; 50 horse power (water). Estab. 1888.	7		7	1,800	8,500			
WAUPACA POST, THE, printing and publishing. First floor and basement of 2-st. brick building; one boiler; one engine, 3 horse power. Estab. 1878	6	<b></b>	6		625			
WAUPACA STARCH & POTATO CO., mfrs. potato starch. Two buildings—one 2-st. and one 1 st. frame; one boiler; two engines, 70 horse power. Estab. 1889	15	} 	15					
WAUPUN-FOND DU LAC CO.	1							
Inspected October, 1898, by Van Etten.				İ				
ALTHOUSE WHEELER CO., THE, mfrs. wind mills, tanks, feed mills and pumps. Ten buildings—three 2 st., six 1-st. frame; one 1-st brick; water tank holding 1,200 bols. with hose connections in all buildings; two boliers; two engines, 55 horse power. Estab. 1838	55		55	1,000	500			
Ordered guards placed on two rip saws; a railing around fly wheels in engine room and posts placed under second floor in east end of wood working department.								
HENRY, IRAL., mfr. leather cans and paper boxes.  Three buildings—two 2 st. frame; one 1-st. frame; two boilers; one engine, 10 horse power. Estab. 1884	7	14	21	2,20)	1,666			
Ordered a cap placed over projecting key on fly wheel of engine.								
MARKLE, HARRIS & CO., mfrs. flour and feed. Two buildings—one 8-st. and one 1-st. stone; two boilers; one engine 60 horse power. Estab. 1849 Ordered a cap placed over projecting key on pul- ley of automatic feeder class B—082.	5		5		110			
MORRIS, J. S., mfr. carriages and sleighs, One 2-st. frame building; hand power. Estat. 1874	17		17	700				
NELSON, C. J., & CO., mfrs. agricultural implements. Three buildings—one 2 st. stone and frame; two 1 st. frame; one boiler; one engine, 10 horse power. Estab. 1887	6		6	800	950			

## Report of Inspection—Continued.

ESTABLISHMENTS INSPECTED.		JMBER MPLOYI	t'ost of new building im provements.	Ost of new machinery.	
	Male.	Fem.	Total	t'ogt build tirov	COSE
WAUPUN CREAMERY, Hatch Brothers, props., mfrs. butter. Three buildings—one 2-st. frame and two 1-st. frame; one boiler; one engine, 10 horse power. Estab. 1891	5		5	\$750	\$900
WAUPUN STEAM LAUNDRY. One 2-st. frame building; one boiler; one engine, 6 horse power. Estab.	8	8	6		850
WELLS, M. D., & CO., mfrs. boots and shoes. (Prison Shops.) Six buildings—two 2 st. stone; two 1-st. stone; two 1-st. frame; three boliers; one engine, 78 horse power. Estab. 1877	851		851	••••	2,625
machinery; the amount received by the state for the labor of the convicts is 50 cents per capita per day; of the 351 employed 308 are convicts and 48 citizens. At present there are 541 convicts; of that number 24 are females. Each department is in charge of a prison official; the daily capacity at present is 2,000 pairs of boots and shoes. The general condition of the prison is very good; the cells and every part of the prison is kept in a neat condition; good substantial food is furnished the prisoners.					
WELLS, M. D., & CO., cutting and stitching shoe uppers. (City Shop). On second floor of 2-st. brick building: one boiler; one engine, 15 horse power.  Estab. 1882	8	66	69		
ZIMMERMANN, F. F., mfr. carriages, wagons and sleighs. Five buildings—two 3-st. frame; one 2-st. stone; two 1-st. frame; hand power. Estab. 1886	15		15		. <b></b>
WAUSAU-MARATHON CO. Inspected August, 1893, by Van Etten.					
BARKER & STEWART, mfrs. lumber, lath and shingles. Six buildings—one 2-st. frame; three 1-st. frame; two 1-st. brick; seven bollers; three engines, 320 horse power. Estab. 1887.  Ordered one boy under 14 years discharged. Cut of mill for 1892 was 21,000,000 ft. lumber; 6,000,000 lath and 1,00,000 shingles.	200	. <b></b>	200		2,000
CENTRAL WISCONSIN, THE, B. H. Johnson, prop, printing and publishing. On second floor of 2 st. brick building; water motor, 4 horse power. Estab. 1857.	5		5		
CLAYTON, GEO., mfr. lumber, lath and shingles. Four buildings—three 2-st. frame; one 1-st. frame; 400 horse power (water). Estab. 1859	59		59	• • • • • • • • • • • • • • • • • • • •	
CURTIS & YALE CO., mfrs. sash, doors and blinds. Ten buildings-two 2-st., three 2-st. and four 1-st.					

Report of Inspection—Continued.

Establishments Inspected.	Number of Employes.			ost of new cuilding in rovements.	of new hthery
	Male.	Fem.	Total	ost uild rrov	Nost maci
frame; one 1 st. brick; buildings bridged; five boilers; three engines, 223 horse power. Estab 1881	225	1	226	\$1,000	\$2,000
EHRMANN & CROWLEY, mfrs. agricultural implements and saw mill machinery. Three buildings—two 1-st. frame; one 1-t. brick; one boiler; one engine, 35 horse power. Estab. 1874	10		10		150
FARRALL, E. K., mfr. wagons, sleighs and lumber- men's supplies Two buildings—one 2-st. frame; one 1 st. frame; one boiler; one engine, 12 horse power. Estab. 1881	8		8		235
GOODWILLIE BROS & CO., mfrs, packing boxes Five buildings—four 1-st, frame; one 1-st, brick; four bollers; three engines, 300 horse power. Estab. 1889 Accidents. A workman lost a finger on a rip saw; another lost a thumb on a rip saw.	125		125		750
JACKSON MILLING CO., THE, mfrs. flour and feed. Four buildings—one 8-st. brick; two 1-st. brick; one 1-st. frame; one boiler; one engine, 75 horse power. Estab. 1883.	9		9	•••••	1,500
JAWORTH, FRED, mfr. wagons, aleighs and general repair work. Three buildings—one 2-st. frame; one 1-st. brick; one 1-st. frame; one boller; one engine, 20 horse power. Estab. 1873	7	:	7	••••	····
MANSON, R. P., & CO., mfrs. lumber, lath and shingles. Seven buildings—three 2-st. frame; four 1-st. frame; four boilers; one engine, 100 horse power. Estab. 1885 ('ut of mill for 1892 was 11.000,000 ft. lumber, 5,500,000 lath and 2,500,000 shingles.	91	· <b></b>	91	1,500	2,000
MARATHON COUNTY EXCELSIOR CO., mfrs. excelsior. Two buildings—one 1-st brick; one 1-st frame; one boiler; one engine, 55 horse power. E-tab. 1892 Ordered a railing placed around fly wheel, and a bolting saw guarded.	10		10	8,000	7,000
MATHIE BREWING CO. Seven buildings—two 8-st. brick; one 3-st. frame; one 2-st. frame; two 1-st. frame; one frame ice house; one boiler; one engine, 20 horse power. Estab. 1869	10	••••	10	11,000	4,500
MORTENSON, JACOB, LUMBER CO., successors to Chas. R. Corwith, mfrs. lumber, lath and shingles. Eight buildings—two 2-s frame; three 1-st. brick; one 1-st. frame; six boilers; three engines, 351 horse power Estab. 1383	75		75		550
MURRAY, D. J., MANUFACTURING CO. (limited), mfrs. saw mill machinery. Four buildings—one 3-st. frame; one 2-st. brick veneer; two 1-st. rame; one boiler; two engines, 60 horse power. Estab. 1874  The company has its own electric light plant.	60	1	.61	2,000	8,000
PILOT-REVIEW, printing and publishing. Two buildings—one 2-st. and one 1-st. frame; water motor, 2 horse power. Estab. 1865	7		7 1		100
PORTER, J. A., TANNING CO, tannery. Four buildings one 2-st. and one 1-st. frame; one boiler; one engine, 55 horse power. Estab. 1865	10		10		;

## Report of Inspection-Continued.

ESTABLISHMENTS INSPECTED.		Number of Employes.			of new mery.
, , , , , , , , , , , , , , , , , , ,		Fem.	Total	Cost of new building im- provements.	Cost of reaching
RITTER & DEUTSCH, mfrs. store saloon and office furniture. One 2-st. frame building; hand power. Estab. 1898	6		6	\$1,300	
RUDDER, GEO., BREWING CO. Nine buildings—two 4-st. brick; one 4-st. brick and frame; one 3-st. brick; § and frame; two 2-st. brick; two 1-st. brick; one 1-st. frame; two boilers; two engines, 120 horse power. Estab. 1863  Ordered a railing placed around the fly wheel in engine room. Note:—A fire June 12, 1892, destroyed plant, loss §100,000.	13	•	18	70,500	\$25,000
STEWART, ALEXANDER, LUMBER CO., mfrs. lumber, lath and shingles. Seven buildings—two 2-st. frame; three 1-st. frame; two 1-st. brick; two boilers; 300 horse power (water). Estab. 1883	175		175	2,000	8,000
WAUSAU BOX AND LUMBER CO., mfrs. boxes. Four 1-st. frame buildings; two boilers; one engine, 250 horse power. Estab. 1892	60		60	2,500	7,000
WAUSAU ELECTRIC CO., electric lighting. Three 1-st frame iron veneer buildings; three boilers; three engines, 330 horse power. Estab. 1890	9		9		1,900
WAUSAU EXCELSIOR CO., mfrs. excelsior. Four buildings—one 2-st. frame; two 1-st. frame; one 1-st. brick; one boiler; one engine, 125 horse power. Estab. 1893	18		18	4,000	14,500
WAUS AU FURNITURE CO., mfrs. furniture. Seven buildings—two3-st. frame; one 2-st. brick and frame; four 1-st. frame; two boilers; one engine, 200 horse power. Estab. 1893  Ordered two fire escapes erected, doors changed to swing outward and guard placed around openings to hand elevator. Accident.—A boy lost a finger on a seat matcher. Note.—1his concern moved here from Ostrander, Wis.	65		65	16,000	14,500
WAUSAU NOVELTY CO mfrs. toy furniture and novelties. Five buildings—one 2-st. and four 1-st. frame; one boiler; two engines, 125 horse power. Estab. 1892  Order d a railing placed at side of main belt and doors changed to swing outward. Note.—Since inspection firm reported as "not working now."	50	   	50	11,888	18,716
WAUSAU STRAM LAUNDRY. One 1-st. frame building; one boiler; one engine, 6 horse power. Estab.	1	9	10		750
WAUSAU ROLLER MILLS, H. E. McEchron, prop., mfrs. flour and feed. Seven buildings—one 3 st. brick; one 2-st. frame; five 1-st. frame; 100 horse power (water). Estab. 1883	15		15	2,000	8, 009

 ${\it Report \ of \ Inspection} - {\tt Continued.}$ 

Establishments Inspected.	Nu E	MBER MPLOYI	OF ES.	Cost of new building im- provements.	of new
	Male.	Fem.	Total	Cost of puilding	Cost of nermachinery
WAUSAU WATER WORKS. Two buildings—one 1-st. brick; one 1-st. frame; two boilers; two engines, 800 horse power. Estab 1885	. 6		6		
WERHEIM MANUFACTURING CO., mfrs. sash, doors and blinds. Four buildings – two 2-st. frame; one 1-st. brick; one 1-st. frame; one boiler; one engine, 55 horse power. Estab. 1878	45		45		\$1,000
WISCONSIN MOULDING CO., mfrs. picture moulding and frames, room moulding, etc. Four buildings—three 1.st. frame; one 1 st. brick; two boilers; one engine, 60 horse power. Estab. 1892	80		80	<b>\$</b> 8;000	8,500
WAUWATOSA-MILWAUKEE CO.	1		1		
Inspected February, 1894, by Zwaska.					
CASTALIA BOTTLING WOLKS, mfrs. and bottlers of soda and mineral waters, and weiss beer. Three buildings-one 1-st. and one 2-st. frame; one 1-st. brick; one boiler; one engine, 12 horse power. Estab. 1898	14	 	14	5,200	2,000
KRATZ, CHAS. (Estate), mfrs. cream colored brick, Two 1-st. frame buildings; one boiler; one engine, 50 horse power. Estab. 1881 Output of yards for 1893, was 3,850,000 brick.	45		45	· • • • • • • • • • • • • • • • • • • •	
NORTHWESTERN CHEMICAL CO., mfrs. oil vitrol, muriatic acid, aqua-ammonia, etc. Seven buildings—three 2-st. and four 1-st. frame, and several sheds; two bollers; one engine, 12 horse power. Estab. 1888.	80		80		
PHILIPP FURNITURE CO, mfrs. furniture and office fixtures. Three buildings—two 3-st. frame; one 1-st. stone; one boller; one engine, 38 horse power. Estab. 1890	5	ļ 	15	1,000	200
SOHNEIDT, A. L. CURLED HAIR CO., mfrs. curled hair goods and glue. Three buildings—one 5-st. and one 2½st frame; one 9-st. brick; one boiler; one engine. 20 horse power. Estab. 1875	8		8		••••••
WAUZEKA-CRAWFORD CO.					
	İ				
Inspected April, 1898, by Van Etten.					
WAUZEKA LUMBER & HOOP CO., mfrs. lumber and excelsior. Two 1-st. frame buildings; one boiler; one engine, 25 horse power. Estab. 1890	10	ļ	10	75	1,000
WAUZEKA MANUFACTURING CO., mfrs. bee-keeping supplies One 1-st. frame building: one boiler; one engine, 25 horse power. Estab. 1869.  Accident.—A workman lost his hand on entrance cutter by bringing it in contact with the knives.	12		19		1,000

## Report of Inspection-Continued.

Establishments Inspected.	Number of 'Employes.			ost or new uliding im- rovements.	t of new
	Male.	Fem.	Total	rove	) OFE Tracet
WAVERLY-PIERCE CO.	ĺ				
Inspected June, 1898, by Van Etten.			}		
BELDENVILLE LUMBER CO., mfrs. hard wood and veneer lumber. Eight buildings—three 2-st. and five 1-st. frame; eight steam tanks, frame; two boilers; two engines, 75 herse power. Estab. 1891	30	. <b></b>	80	<b>\$</b> 6;000	\$1,500
WEIN-MARATHON CO.					
Inspected March, 1894, by Zwaska.					
EGGEBRACHT & HAMANN, mfrs. lumber. Two 1-st. frame buildings; one boiler; one engine, 35 horse power. Estab. 1882	10		10	••••	
WEST BEND-WASHINGTON CO.				i	
Inspected February, 1894, by Van Etten.			l j		
SCHMIDT & STORK, mfrs. spokes. Two buildings—one 2 st. frame; one 1-st. brick; one boiler; 30 horse power (water). Estab. 1892	18		18	12,000	10,000
SILBERZAHN MANUFACTURING CO., mfrs. agricultural implements. Four buildings—one 2 st. and three 1-st. frame; one boiler; one engine, 50 horse power. Estab. 1879.	17		17		ļ
WASHINGTON COUNTY PUBLISHING ASSOCIATION, publishers and printers, Democrat and Beobachter. On first floor 2-st. frame building; one boiler; one engine, 2 horse power. Estab. 1853	6	ļ	6		
WEST BEND BREWING CO., brewers and maitsters. Three plants, ten buildings—one 50-ft. high frame veneer elevator; two 3-st. brick; three 2-st. brick; one 1 st. frame; four boilers; three engines, 100 horse power. Estab. 1882.  Malting capacity is 200,000 bushels per annum and brewing capacity 25,000 barrels.	80		80	10,000	20,000
WESTBORO-TAYLOR CO.					
Inspected February, 1893, by Van Etten.	1				
DUNCAN, JOHN, mfrs. lumber, lath and shingles. Four buildings—two 2-st. frame; two 1-st. frame; four boilers; one engine, 120 horse power. Estab. 1884 Cut of mill for 1892 was 8,000,000 ft. lumber.	47		47	<b>.</b>	850
WEYAUWEGA-WAUPACA CO.					
Reported by firm April, 1894.					
BADGER BASKET MANUFACTURING CO. One 2-st. frame building; one boiler. Estab. 1884	14	6	20	l	l

## Report of Inspection—Continued.

Establishments Inspected.		Number of Employes.			new pery
ESTABLISHMENTS INSPECTED.	Male.	Fem.	Total	O'rst' c building	Oper of new
WEED & GUMAER MANUFACTURING CO, THE. milling. A 3½ st. flour mill and elevator adjoining; water power. Estab. 1855.	6		6		
WHITEWATER-WALWORTH CO.					
Inspected January, 1894, by Van Etten.					
EMPIRE MILLING CO., mfrs. flour and feed. Three buildings—one 3 st. stone; one 2-st. frame; one 1-st. stone; one boiler; one engine, 40 horse power (steam) 70 horse power (water). Estab. 1882	5		5	\$150	\$1,800
KLINGER, N., brewery. Five buildings—one 2-st. brick; one 2-st. brick; one 1 st. brick; two 1-st. frame; one boiler; one engine, 10 horse power. Estab.	5		5	7,000	2,500
WAITE, C. M., mfr. sash, doors and blinds. Two buildings—one 3 st. frame; one 1-st. stone; one boiler; one engine. 40 horse power. Estab. 1865	7		7	••••••	
WHITEWATER REGISTER, E. D. Coe, Prop., printing and publishing One 2st. brick building; one boiler; one engine, 6 horse power. Estab. 1857	7	1	8	•••••	200
WHITEWATER WAGON & CARRIAGE CO., successors to Winehester & Partridge Mfg. Co., mfrs. spring vehicles, wagonetts. trucks, show wagons, etc Five buildings -three 2-st. brick; one 3-st. frame; one 1-st. brick; two boilers; one engine, 140 horse power. Estab. 18:7.	89	2	41	•••••	•••••
WILDWOOD-ST. CROIX CO.					
Inspected June, 1898, by Van Etten.		į			
McKAY, D. J., mfr. lumber, wagon and sleigh stock. Six bulldings—one 8 st. frame; four 1-st. frame; one 1-st. brick; buildings bridged; three bollers; one engine, 175 horse power. Estab. 1881	79		79		
WILSON-ST. CROIX CO.			1		
Inspected August, 1898 by Van Etten.					
WEST WISCONSIN MANUFACTURING CO., mfrs. lumber, staves, heading and lime. Seven buildings—two 2 st. frame; four 1-st. frame; one 1-st. stone; five boilers; three engines, 100 horze power, Estab. 1872	115		115		
WINNECONNE-WINNEBAGO CO.		ĺ	ļ		
Inspected October, 1898, by Van Etten.		}	į		
WINNECONNE LUMBER CO., mfrs. lumber, lath and shingles. Three buildings—one 3 st. and two 1-st frame; two boilers; one engine, 145 horse power. Estab. 1884	55	6	61	4,000	8,500
Ordered a railing placed around fly wheel in en- gine room; a cover placed over all projecting set l.—L.		l	ļ		
ILJ,					

# Report of Inspection-Continued.

ESTABLISHMENTS INSPECTED.	NUMBER OF ENHLOYES.			Cost of new building im- provements.	Cost of new machinery.	
ת		Fem.	Total.	Cost build prove	Cost	
screws on collars on shafting; a guard placed around set of large gearing in basement of mill and covers placed over bolting and slab saws. *ActidentA* workman had his foot jammed by being caught by the carriage. Cut of mill for 1892, was 6,000,000 feet lumber; 1,250,000 lath; 3,000,000 shingles.						
WITHEE-CLARK CO.						
Inspected March, 1894, by Van Etten.		1				
OWEN, JOHN S., LUMBER CO., mfrs. lumber, lath, and shingles. Eight buildings—five 2-st. frame; two 1-st. frame; one 1-st. stone; three boilers; two engines, 150 horse power. Estab. 1893	175		175	\$20,000		
WITTENBERG-SHAWANO CO.		Ì				
Inspected November, 1898, by Zwaska.						
HOLMES & SMITH, mfrs. lumber. One 114-st. and one 1-st. frame; two boilers; one engine, 113 horse power. Estab. 1887	23		23			
SHAWANO LUMBER CO., mfrs. lumber, lath and shingles. One 2 st. frame building; store connected; two boilers; one engine, 125 horse power. Estab.  1881  Cut of mill for 1892 was 2,500,000 ft. lumber;	85		85			
1,500,000 shingles and 250,000 lath.						
WITTENBERG MANUFACTURING CO., mfrs. furniture. Two buildings—one 8-st. and one 1-st. frame; one boiler; one engine, 125 horse power. Estab. 1593	50	• ••••	50	6,800	\$4,200	
WONEWOC-JUNEAU CO.			li			
Inspected April, 1898, by Van Etten.				i		
DENNETT, W. P., creamery. Two 1-st. frame buildings; one boiler; one engine, 12 horse power. Estab. 1893	18		18	800	1,000	
Note Of the 18 employes reported 10 are engaged in collecting cream.						
WOODBORO-ONEIDA CO.						
Inspected February, 1894, by Van Etten.						
WOOD, GEO., E., LUMBER CO., mfrs. lumber, lath and shingles. Six buildings—three 2-st. and three 1-st. frame; seven boilers; four engines, 370 horse power. Estab. 1891	150		150	85,000	65, 000	
WOODVILLE-ST. CROIX CO.				1		
Inspected June, 1893, by Van Etten.				İ		
EVENSON, WM. T., mfr. hard wood lumber. Three buildings—one 2-st. and two 1-st. frame; three boilers; one engine, 80 horse power. Estab. 1879	80		20			

## Report of Inspection—Continued.

Establishments Inspected.		NUMBER OF EMPLOYES.			of new
	Male.	Fem.	Total	('Ogt of new ouldding im "rovements.	ost of
WOOSTER MILLS—(Soldiers Grove P. O.)—CRAW-FORD COUNTY.  Reported by firm April, 1898.  PETERSON, ATLEY, mfr. hard wood lumber. One 1-st. frame building; one boiler; one engine, 40 horse power. Estab. 1870	7		7		<b>\$</b> 150
Reported by firm April, 1892.  WARREN, GEO., CO., mfrs. lumber, lath and shingles. Five buildings—two 2-st. frame; one 1½-st. frame; three 1-st. frame; 35 tenement buildings for use of employes: three boilers; two engines, 125 horse power. Estab. 1888	70	5	75	\$800	400

TABLE A .- Showing the Amounts Spent for New Factory Building according

Industries.	New factory building im- provements in Milwaukee 1893-'94.	New machin- ery added in Milwankee 189:-'94.
Agricultural implements, threshing machines	\$9,509 00	<b>9</b> 6,309 00
Baskets		
Beef & porkpacking	26,500 00	5,250 00
Blank books		500 00
Bollers (steam)		••••••
Boots & shoes	70,000 00	44, 159 00
Bottles		• ••••
Brewing & malting	905,600 00	884,387 00
Brick & tile		15,000 00
Bridge building	7,000 00	5,900 00
Boxes (cigar, cheese, packing and paper	21,500 00	22, 300 00
Butter & cheese		
Cement		
Chairs & tables	97,000 00	47,500 00
Chemicals	12,086 00	6,000 00
Cigars	42,000 00	
Clothing & underwear	1,000 60	1,800 00
Coal, wood, sewer pipe	12,000 00	
Coffins		
Confectioners & bakers	75,000 00	68,000 00
Cooperage	15,000 00	18,500 00
Dairy implements		
Distilling	82,000 00	18,000 00
Electric lighting		229, 800 00
Elevators	16,000 00	10,900 00
Excelsior		
Flour & Feed	500 00	32,000 00
Fuel		<b>.</b>
Furniture	60,000 00	25,000 00
Furs, gloves, mittens	1,000 00	8, 400 00
Gas and electric fixtures	40,000 00	10,000 00
	1	
Gas light	175,000 00	

Improvements and New Machinery since the former inspection. Classified to industries

				<del></del>	
New factory building im- provements at all other places in the 8 ate, 1893-'94.	New machin- ery added at all other places in the State. 1898-'94.	Total new fac- tory building improvement 1893-'94.	Total new machinery added. 1898-'94.	Total new factory building im- provements. 1891-'92.	Total new machinery added. 1861-'92.
108,750 00	40,440 00	111,259 00	46,749 00	107,817 00	68,584 00
8,000 00	18,000 00	8,000 00	18,000 00	2,000 00	18,000 00
		26,500 00	5,250 00	65.085 00	20,081 00
	250 00		750 00		10,000 00
4,800 00		4,800 00	,·	14,900 00	10,594 00
3,400 00	2,841 00	78,400 00	47,000 00	22,821 00	76,888 00
				10,800 00	6,975 00
278,568 00	119,475 00	1184,198 00	958,869 00	725,157 00	695,096 00
28,500 00	11,895 00	98,500 00	25,895 00	25,405 00	86,198 00
		7,000 00	5,900 00	9,500 00	12,000 00
12,800 00	10,900 00	88,800 00	88,200 00	28,680 00	82,675 00
15,686 00	14,179 00	15,656 00	14,179 00	40,750 00	25,795 00
				11,000 00	8,000 00
42,000 00	700 00	189,000 00	48,200 00	85,900 00	60,80± 00
2,200 00	1,400 00	14,286 00	7,400 00		
2,800 00	650 00	44,800 00	650 00	8,800 00	1,150 00
<b>.</b>	500 00	1,000 00	1,700 00	9,100 00	28,485 00
107,000 00	58,750 00	119,000 00	58,750 00	12,500 00	84,500 00
8,500 00	2,000 00	8,500 00	2,000 00	8,000 00	800 00
48,000 00	10,100 00	128,000 00	68,100 00	6,900 09	8,300 00
23,800 00	85,808 00	88,800 00	49,808 00	10,000 00	48,500 00
				22,888 00	15,862_00
22, 150 00	18,900 Ou	52,150 00	81,900 00	2,000 00	
47,450 00	270,600 00	47,450 00	500,400 00	276,518 00	871,660 00
	81,800-00	16,000 00	42,000 00	16,180 00	28,485 00
9,800 00	29 800 00	9,800 00	29,800 00	8,000 00	2,000 00
659,600 00	896 685 00	660, 100 00	928,685 00	267,200 00	889,795 00
		ļ		6,500 00	10,500 00
94,550 00	76,910 00	154,550 00	101,910 00	80,025 00	67,115 00
4,000 00	9,800 00	5,000 00	18,200 00		8,750 00
6,874 00	1,200 00	46,874 00	11,200 00	64,800 00	906, 70°
5,000 00	15,500 00	180,000 00	15,500 00		
9,156 00	18,050 00	6, 156 00	21,050 00	56,500 00	114,500 00
i .	l	I	•	l .	1

TABLE A.—New Factory Building Improvements and New Machinery—Continued.

Industries.	New factory building im- provements in the city of Milwaukee 1898-'91.	New machin- ery added in the city of Milwankes 1893-'94.
Hammocks, fly-nets	\$28,600 00	\$6,800 00
Hardware, bolts, nuts, files, rasps	6,000 00	19,000 00
Interior and exterior woodwork	18,520 00	84, 919 00
Invalid food	ļ	• • • • • • • • • • • • • • • • • • • •
Iron and steel (Malleable and pig)	90, 870 00	. 73,800 00
Knitting works	81,000 00	10,000 00
Laundries.	6,000 00	2,895 00
Leather, harness, collars	49,100 00	17,000 00
Linen mills		••••
Lithographing and engraving		94,500 00
Lumber, lath, shingles		
Machine shops—engines, iron and brass founders	1888,850 00	448, 000 00
Maizea, starch, corn goods	ļ	
Matches		
Mattresses		
Oils, paints, grease	8,000 00	400
Oxide of zinc		
Paper and pulp		
Patterns—brass and iron		17,200 00
Plumbers'—brewers' supplies	1,200 00	26,200 00
Printing, publishing, bookbinding.		80,000 00
Provisions.	11,000 00	18,000 00
Railway shops	1	
Refrigerators	1 :	
Sash, doors, blinds, planing mills	1	12,000 00
Screen doors	· ·	
Shipbuilding		
Shipping cans, oil tanks, etc	l I	
Shirts, overalls		
Soap	1	
•		6,100 00
Stoves, ranges, furnaces	, i	0,200 00

TABLE A.—New Factory Building Improvement and New Machinery.—
Continued.

New factory building im- provements in all other places in the state. 1808-'94.	New machin- ery added at all other places in the state—1893—'94	Total new fac- tory building improvements 1893-'94.	Total new ma- chinery added, 1893–'94'.	Total new fac tory building im- provements, 1891-'92.	Total new machinery added, 1891-92,
2,700 00	17,800 00	26,800 00	28,600 00		
25,000 00	25,250 00	81,000 00	44,250 00	200 00	6,800 00
67,219 00	52,700 00	85,789 00	87,619 00	15,700 00	88 950 00
<b>22,</b> 000 00	8,500 00	22,000 00	8,500	6,000 00	4,000 00
88,800 00	36,400 00	194,170 00	190, 200 00	88,650 00	257,925 00
10,000 00	26,200 00	41,000 00	86,900 00		15,800 00
24,425 00	40,498 00	80,425 00	42,828 00	2, 530 00	4,000 00
156,094 00	105, 194 00	206, 194 00	122 194 00	62,800 00	80,895 00
1,400 00	150 00	1,400 00	150 00	1,000 00	10,000 00
	29,700 00		54,900 00		86,650 00
441,659 00	994,561 00	441,659 00	994,564 00	410, 488 00	726,191 00
65,878 00	186,755 00	454,727 00	627,758 00	176,592 00	854, 215 00
1,600 00	2,220 00	1,600 00	2,220 00	10,000 00	12,500 00
17,000 00	18,550 00	17,000 00	18,550 00		
1,800 00	4,900 00	1,800 00	4,900 00	12,500 00	71,500 00
184,182 00	87,850 00	184, 182 00	88,250 00		
7,200 00	19,000 00	7,200 00	19,000 00	25,000 00	5,000 00
1,836,695 00	1,569,817 00	1,886,635 00	1,569,827 00	1,151,710 00	1,547,600 00
<b></b>			117,850 00	48,000 00	44,500 00
! 		1,200 00	26, 200 00	18,000 00	20,000 00
8,600 00	84, 900 CO	168,800 00	164,200 00	53,750 00	260,810 00
9,900 00	2,800 00	20,900 00	20,800 00		
6,895 00	6,865 00	6,825 00	6,865 00	82,792 00	25,652 00
2,500 00	4,500 09	2,500 90	4,500 00	21,590 00	7,000 09
188,444 00	148,890 00	146,744 00	155,820 00	196,790 00	207,669 00
1,900 00	21,800 00	1,900 00	21,890 00		
7,900 00	16,200 00	7,900 00	16,200 00	100,000 00	78, 800 00
20,000 00		20,000 00	 		
85,000 00	87,075 00	85,000 00	87,075 00		ļ
	 	ļ	ļ	2, 100 00	5,500 00
49,687 00	88,695 00	76,187 00	89,795 00	110,500 00	50,900 00
250 00	2,500 00	250 00	2,500 000	5,000 00	1,000 00
88,000 00	14,700 00	118,000 00	85,200 00	67,800 00	69,700 00

TABLE A.— New Factory Building Improvements and New Machinery—Continued.

Industries.	New factory building im- provements in the city of Milwaukee, 1898-'94.	New machin- ery added in the city of Milwaukee, 1893-'94.
Tinware, sheet iron goods	\$77,000 00	\$38,800 00
Tobacco		2,500 00
Trunks, traveling bags, pocket books, valises	1,400 00	9,500 00
Upholstery	55,000 00	8,000 00
Vinegar, yeast	10,000 00	10,000 00
Wagons, carriages, sleighs	18,200 00	21,000 60
Waterworks, street railway		
Wind mills, tanks, etc		
Wire works	1,500 00	800 00
Woodenware	12,000 00	•••••
Woolen mills	ļ	
Not elsewhere classified	168,100 00	157,800 00
	\$2,858,585 00	\$2,450,549 00

TABLE A.—New Factory Building Improvements and New Machinery—Continued.

New factory building im- pro-ements in all other places in the state, 1893-'94.		Total new factory build- ing improve- ments, 1898-'94.	Total new machinery added, 1893-'94.	Total new factory building im- provements, 1891-'92.	Total new machinery added, 1891-'92.
\$6,900 00		\$88,000 00	\$88,800 00	\$4,500 00	\$89,400 00
			2,900 00		
20,100 00		21,500 00	9,500 00	18,900 00	14,964 00
		55,000 00	8,000 00		<b>.</b>
	\$6,000 00	10,000 90	16,000 00	46,100 00	15,550 00
65,686 00	11,868 00	88,850 00	82,853 00	226,850 00	84,088 00
44,200 00	74,000 00	44,200 00	74,000 00	5,000 00	98,800 00
45,800 00	78,100 00	45, 800 00	78,100 00	6,000 00	4,775 00
15,000 00	52,200 00	16,500 00	58,000 00	86,200 00	46,400 00
26,883 00	24,516 00	88, 888 00	24,516 00	82,800 00	80,000 00
46,886 00	44,684 00	44,826 00	44, 684 00	25,385 00	80,675 00
551,266 00	858,948 00	714,366 90	511,748 00	891,881 00	411,444 00
\$5,001,628 00	\$5,969,767 00	\$7,868,156 00	\$8,408,856 00	\$5,186,140 00	\$7,656,252 00

TABLE B.—Showing the amounts spent for new fretory building improvements and new machinery during the years 1893 and 1894, arranged according to locality:

Localities.	New factory Building Improvements.	New Machinery Added.
Alma Almena. Amery Antigo Appleton Arpin Ashland Augusta	\$5,000 6,000 88,100 199,125 97,000 78,513 150	\$300 2,200 26,000 51,200 \$74,500 95,000 125,230
Baldwin Bangor Baraboo Barron Barronett Barronett Bayfield Boaver Dam	6,000 8,400 1,100 280 200 6,000 16,800	55 1,600 12,976 5,160 1,000 1,600 9,000
Beldenville Belt Center Belt Stding. Beloté. Berlin ßirnamwood. Black ^reek Black River Falls. Boardman B sscobel.	5,000 250 41,378 14,400 8,000 5,000 4,680	500 1,500 800 101,000 12,591 2,000 2,000 7,150 2,500 3,180
Boyd. Broadhead Brule Burlington Butternut Burnett Junction. Burkhardt. Burg Park	350 8,900 4,441 900	9,450 11,131 2,800 2,800 1,100 2,500
Cadott. Camp Douglas Carroll. Cassville. Cecil. Cedarburg Centralia. Chelsea.	160 1,000 700 1,000 6,5%5	1,200 150 4,000 200 8,8:5
Cherokee. Chippews Falls Clifford Colby. Columbus Combined Locks. Cumberland	900 11,500 10,000 1,900 7,000 600,000 6,500	8,700 9,800 15,000 500 2,800 400,000 7,100
Dalias Delavan. De Pere. Dexterville. Dorchester. Downing Downsville.	800 170,000 4,700 675 21,008	1,850 1,650 304,000 8,060 2,850 550 34,000 2,500
Eau Claire	94,142	198,718 750

TABLE B.—Showing the Amount Spent for New Factory Building Improvements.—Continued.

LOCALITIES,	New Factory Building Improvements.	New Machinery Added.
Edgerton Eldsvold Elkhorn Ellsworth	4,115 1,000 4,450 8,000	1,000 1,200 2,575 4,500
Fairchild. Fifield Fiancer Fond du Lac Fort Atkinson Fort Howard Fountain City Fulton	8,500 45,250 9,600 12,600 1,200	14,500 4,000 7,000 98,850 10,950 11,000 1,200 5,500
Galesville Gile Gile Glenwood Goodyear Grafton Grand Rapids Granton Green Bay Greenwood	12, 950	9,479 22,000 8,500 3,000 700 16,400 250 85,800 2,000
Harshaw Hayward Hartford Haztford Hazelhurst Hewitt Horicon Houghton Hudson Humbird Humber	5,000 4,600 7,000 2,000 5,000 1,200 5,000 200 400	12,000 56,175 200 10,000 4,800 4,800 12,550 1,800 200
Iron River	19,000	57,000
Janesville	56,690 49,200 800	95,885 88,140 1,900
Kendall Kenosha Kewaunee Kwaunee Kimberiy Knowiton	800 90,000 15,800 175,000	1,200 104,050 65,450 75,000
La Crosse Lake Milis Lake Nebagamun Lehigh Lattle Chute Loyal	98,960 10,500 1,800 3,000 150,000 2,000	884,787 6,775 8,280 4,800 100,000 5,000
McDill Madison Manitowoe Marsthon Marinette Marshfield	4,000 87,800 46,123 500 287,400 10,300	2,000 50,020 16,100 2,500 244,900 22,090

TABLE B.—Showing the Amount Spent for New Factory Building Improvements—Continued.

LOCALITIES.	New Factory Building Improvements.	New Machinery Added.
Mason. Majaton Mazomonie Medford Menasha Menamonee Merrill Merrillan	1,700 4,650 1,000 25,000 78,400 92,000	675 1,309 2,878 2,500 65,000 26,350 86,659
Milladore Millaton Milton Junctio Milwaukee Mineral Point, Monroe	1,000 500 2,856,535 99,900 20,500	7, 300 550 650 2, 450, 549 81, 250 22, 450
Necedah Neonah Neilisville New Lisbon New London New Richmond North Freedom	54,000 1,750 850 88,000 4,200	2,600 75,000 9,600 19,000 2,959
Oconto Ouro Ogema. Oahkoeh.	11,000 2,100 106,100	25,550 7,730 800,000 108,569
Park Falls Perkinstown Perkitgo Phillips Phillips Phlox Pitsville Platteville	O AZA	7,000 10,000 8,000 92,500 500 4,500 15,150
Platteville Plover (town of). Plummer. Plymouth. Portage Port Edwards. Port Washington Potosi. Prairie du Chien.	190,000 5,000 9,000 7,450 1,600 18,000	165,000 11,400 10,855 4,500 20,500 2,000 9,388
Racine Reedsburg Rhinelander Rib Lake Rico Lake Richland Center River Falls Ripon Roberts Romeo	216,600 1,835 85,450 36,000 9,800 1,885 7,100 4,500	157, 408 1, 809 69, 945 17, 000 5, 850 4, 659 10, 800 281, 150
St. Joseph. Scholeisingerville Scholeid Shawano Sheboygan Sheboygan Falis Sherry Soldier's Grove	4,500 16,800 142,694 8,000 4,485	3,400 1,000 1,930 94,000 12,800 6,978

Table B.—Showing the Amount Spent for New Factory Building Improvements—Continued.

LOCALITIES.	New Factory Building Improvements.	New Machinery Added.
pring Valley	1,450	1 000
ianley	28,000	1,975 92,000
teteonville	2,500	8,500
kueben	~,500	1,700
tevens Point	20.885	24,245
itoughton.	2,286	29.×08
tratford.	5,000	2,400
tratford. uperior, South Superior and West Superior	1,804,644	988,058
[horp	1,500	8,859
[omah	6,000	5,000
Comahawk.		27,575
Comahawk Lake	20,000	
Trempealeau.	1,550	2,200
Prippville	1,800	1,100
Two Rivers	1,300	8,500
Valton	! 800 1,900	88
/ esper	1,200	8, 800
Warren's	47,987	900
Washburn Waterioo	19,000	46, 619
Watertown		6,850
Waukesha.	16,200	78,80: 11,75
Waupaca	5,800	9'42
Waupun	5,450	7.63
Wausau	185,188	125, 80
Waverly	8,000	4,50
Wauwautosa	6,200	7, 450
Wauzoka		2,000
West Bend	18,000	49.000
Westboro	90,000	
Whitewater		8,500
Winneconne		8,500
Wittenberg	6,800	4,900
Wonewoc		1,000
Woodboro	1	65,000
Zeda	800	400
Totals	\$7,868,156	\$8,408,856

Table C.—INSPECTION STATISTICS.—Showing the relative mportance of twenty-four leading branches of manufacture in Wisconsin, based upon the number of persons employed.

(Grand total of all employed in all industries, 102.825.)

Position.	Industries.	Total num- ber of per- sons em- ployed.	Percentage of grand total. (104,325)	Proportion employed in Milwau- kee.	Propertion employed all other parts of state.
1	Lumber, lath, shingles	21,855	21.85		21.35
2	Railway shops	5,945	5.90	.23	5.67
8	Furniture, chairs	5,466	5 88	.67	4,66
4	Iron works, foundries, machine	5,080	4.91	2.90	2.01
5	shops Sash, doors, blinds	4,786	4.67	1.27	8.40
6	Beer and malt	4,889	4.28	8.58	.65
7	Leather	8,541	8.65	1.94	1 71
8	Boots and shoes	8,457	8.87	1.64	1.78
9	Paper and pulp	8,244	8.96		8.26
10	Wagons, carriages and sleighs	8,188	8.11	.42	2.60
11	Printing, publishing, bookbinding.	2, 628	2.56	1.51	1.05
12	Agricultural implements	2,622	2.56	. 85	2.21
18	Woolens, worsteds	2, 478	2,42	.99	1.48
- 14	Flour and feed	2,181	2.08	.44	1.64
15	Clothing	2,098	2.04	1.04	1.00
16	Cooperage	1,784	1.74	.96	1.48
17	Brass and iron goods	1,483	1.45	.76	.69
18	Coal and wood	1,846	1.81	.51	.80
19	Brickmaking	1,276	1.24	.51	.78
20	Shipbuilding	1,149	1.12	.21	.91
21	Tinware, sheetiron	1,187	1,11	· • • • • • • • • • • • • • • • • • • •	1.11
22	Beef and pork packing	983	.98	.79	.17
28	Woodenware	981	.95	.16	.79
21	Trunks, valises	964	.94	.58	.41
	Total	88,984	82.25	20.71	61.58
	All other industries	18, 841	17.74	5.91	11.83
	1	102, 825	100.00	26.62	78.86

# TABLE D.—AGGREGATE WAGES BY LOCALITIES IN 1892.

lban	أممميم	Guand Davids	A 3# 4
	\$1,200 7,288 80,008	Grand Rapids	\$25,1
lmaltoona	7,288	Green Bay.	×58,7
ltoona	80,008		
merymhurst	28,890	Hansen	6,1
mhurst	1,786	Harshaw	65,0
ntigoppleton	84, 117	Hartford	24,5
nnieton	861,047	Hawthorne	12,0
photon	ACO BALL	Hawward	144 5
	509,541 22,812	Hayward	144, 5 68, 1
uournasie	X2,012	HAZIEDUTST	00, 1
ahland uburndaleugusta	3,850	Hewitt	6,0
		Humbird	1,7
aldwin	8,70	Horicon	84,8
araboo.	157,819	Houlton	81.9
AFTOD	10,186	Hud-on	240,8
	00, 998	Hunting	4.0
arronett	99,838 147,090	Transmik	3,0
eaver Dam	147,090		
eiden 71116	86,781	Ingram	4,8
eloiterlin	509,694	_ •	
erlin	49,988	Janesville	479,0
la Wanambaa	78, 800	To#oneon	
ig Wauazukee	78,800	Jefferson	81,
lenam wood	26, 100	Johnson's Creek	11,9
lack Creek	1,700	Juneau	1,1
lack River Falls	26,100 1,700 20,798		- • •
lack Creek lack River Falls oardman	10,000	Kaukauna	880,
Control	00,000		
oscobel	20,900	Kenosha	495,
оуа	20,015	Kewaunee	5,
oyd rodhead	9,670		
uckbee	5,000	LaCrosse	1.249
urkbardt	6, 255	Lake Mills	1,
	49,974	Table Milin	8,
urlington	20,014	Lancaster Little Black	
		Little Black	54,
adott	86,601	)	
artwright	2,000	McDill	8,
ecil	5,500	Madison	877
	KO 891	Manifester	877 184
edarourg	50,881	Manitowoc	103,
edarburgedar Falis	87, 875 66, 920	Maplewood	2,
COLUMNIA	66,920	March	16,
helses	4.608	Marinette	618,
helsea	2,998	Marshfield	146,
While-	19,000	Maionion	110,
Aniton Chippews Falls Hintonville.	18,000	Marion	1,
nippewa Falis	198,926	Marathon	4,
lintonville	14,098 10,084	Mason Mauston	71,
olby. Connersville	10.084	Mauston.	8,
onnersville	1,500	Mayvilla	81,
lombined Locks	70,567	Mayville	2,
Malaia	90,400	Mazomanio	71,
rivitz. amberland	20,400	Medford	-66,
umberland	61,869	Menasha	500,
		Menekaunee	48,
parlington	1,200	Menomonee	296.
allas	7,240	Merrill	892,
/#.liab	1,270		5,
Delaven	1,296	Merrilian	۷,
ere	48,025	Milladore	. 6,
odgeville	8,000	Milwaukee	15, 840,
lowning	20,000	Milwaukee Mineral Point	9.
	1,600	Monroe	45,
orchester.	٠,٠٠٠	MOMEOU	:=,
orchester	14 A4K		
orchesterownsville	14,145	Monroe. Montello	57,
orchesterownsville	14,145 96,712	Morse	123.
ownsville	96,712	Morse	1 <b>23</b> , 18,
ownsville	96,712	Morse	1 <b>23</b> , 18,
ownsville	50,000	Morris Mosinee	123.
ownsville	50,000 799,712	Morse Morris Mosinee	198, 18, 54,
ownsville orunmond  agle River au Claire digeton	50,000 799,712 27,197	Morse Moris Mosinee Necedah	193, 18, 54,
ownsville rrummond  agle River au Claire dger ton ddoon	50,000 799,712 27,797 2,030	Morse Moris Mosinee Necedah	193, 18, 54,
ownsville rummond  agle River au Claire degerton deon idson	50,000 799,712 27,797 2,030 18,022	Morse Morris Mosinee Necedah Neenah Neillaville	193, 18, 54,
ownsville  Prummond  Lagle River  Lau Claire  diger ton  deon  idsvold.	50,000 799,712 27,797 2,030 18,022	Morse Morris Mosinee Necedah Neenah Neillaville	198, 18, 54, 150, 500, 58,
ownsville  Prummond  Lagle River  Lau Claire  diger ton  deon  idsvold.	50,000 799,712 27,797 2,030 18,032 5,400	Morse Moris Mosinee  Necedah Neenah Neillsville New Holstein	198, 18, 54, 150, 500, 58,
ownsville rrummond  agle River au Claire dger ton ddson idsvold.	50,000 799,712 27,797 2,030 18,032 5,400	Morse Moris Mosinee  Necedah Neenah Neillsville New Holstein New Lisbon	198, 18, 54, 150, 500, 58,
ownsville  Prummond  Lagle River  Lau Claire  diger ton  deon  idsvold.	50,000 799,712 27,797 2,030 18,022	Morse Moris Mosinee  Necedah Neenah Neillsville New Holstein New Lisbon	198, 18, 54, 150, 500, 58,
ownsville  Prummond  Lagle River  au Claire  dger ton  dson  Idavold  Likhorn  mbarrass  wansville	50,712 50,000 799,713 27,797 2,030 18,032 5,400 4,160 21,727	Morse Moris Mosinee  Necedah Necenah Nelilaville New Holstein New Lisbon New London New Lethmond	198, 18, 54, 150, 500, 58, 1, 2, 52, 82,
ownsville  Fummond  agle River  au Claire  dgerton  deon  lidsvold  likhore  wansville  'airehild	50,000 799,712 27,797 2,030 18,022 5,400 4,160 21,727	Morse Morse Morsinee  Necedah Neenah Neillsville New Holstein New Lisbon New Lisbon New Richmond	198, 18, 54, 150, 500, 58, 1, 2, 52, 82, 90,
ownsville  Frummond  Lagle River  au Claire  dger ton  dson  ildsvold  likhorn  mbarrass  vansville  larchild	50,000 799,712 27,797 2,030 18,022 5,400 4,160 21,727	Morse Morse Morsinee  Necedah Neenah Neillsville New Holstein New Lisbon New Lisbon New Richmond	198, 18, 54, 150, 500, 58, 1, 2, 52, 82, 90,
Ownsville  Drummond  Lagle River  Lau Claire  deger ton  deson  Lidsvold  Likhorn  Labarrass  Vansville  Lifelid	50,000 799,712 27,797 2,030 18,022 5,400 4,160 21,727	Morse Morse Morsinee  Necedah Neenah Neillsville New Holstein New Lisbon New Lisbon New Richmond	198, 18, 54, 150, 500, 58, 1, 2, 52, 82, 90,
Ownsville  Drummond  Lagle River  Lau Claire  deger ton  deson  Lidsvold  Likhorn  Labarrass  Vansville  Lifelid	50,000 799,712 27,797 2,030 18,022 5,400 4,160 21,727	Morse Morse Morsinee  Necedah Neenah Neillsville New Holstein New Lisbon New Lisbon New Richmond	198, 18, 54, 150, 500, 58, 1, 2, 52, 82, 90,
Ownsville  Drummond  Lagle River  Lau Claire  deger ton  deson  Lidsvold  Likhorn  Labarrass  Vansville  Lifelid	50,000 799,712 27,797 2,030 18,032 5,400 4,160 24,797 75,280 18,000 881,784 71,200	Morse Moris Mosinee  Necedah Neenah Neillsville New Holstein New Lisbon New Lisbon New Richmond Newton Northport Norwalk	128, 18, 54, 150, 500, 58, 1, 2, 52, 82, 90, 5.
Ownsville  Drummond  Lagle River  Lau Claire  deger ton  deson  Lidsvold  Likhorn  Labarrass  Vansville  Lifelid	50,000 799,712 27,797 2,030 18,032 5,400 4,160 21,727 75,280 18,000 881,784 71,200	Morse Moris Mosinee  Necedah Neenah Neillsville New Holstein New Lisbon New Lisbon New Richmond Newton Northport Norwalk	128, 18, 54, 150, 500, 58, 1, 2, 52, 82, 90, 5.
Ownsville  Drummond  Lagle River  Lau Claire  deger ton  deson  Lidsvold  Likhorn  Labarrass  Vansville  Lifelid	50,000 799,712 27,797 2,030 18,032 5,400 4,160 21,727 75,280 18,000 881,784 71,200	Mores Moris Mosinee  Necedah Neenah Neillsville New Holstein New Liston New Liston New Richmond Newton Northport Norwalk Oconto	128, 18, 54, 150, 500, 58, 1, 2, 52, 32, 90, 6, 1
Ownsville  Drummond  Lagle River  Lau Claire  deger ton  deson  Lidsvold  Likhorn  Laboarrass  Vansville  Lifelid	50,000 799,712 27,797 2,030 18,032 5,400 4,160 24,797 75,280 18,000 881,784 71,200	Mores Moris Mosinee  Necedah Neenah Neillsville New Holstein New Liston New Liston New Richmond Newton Northport Norwalk Oconto	128, 18, 54, 150, 500, 58, 1, 2, 52, 32, 90, 6, 1
Ownsville Orummond  Lagle River Lau Claire Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson Lidson L	50,000 799,712 27,97 2,030 18,028 5,400 4,160 24,727 75,280 18,000 831,784 71,200 135,453 12,681	Mores Moris Mosinee  Necedah Neenah Neillsville New Holstein New Liston New Liston New Richmond Newton Northport Norwalk Oconto	128, 18, 54, 150, 500, 58, 1, 2, 52, 32, 90, 6, 1
Ownsville  Drummond  Cagle River  Lau Claire  Lidger ton  Lidger ton  Lidwold  Likhorn  Cmbarrass  Evansville  Cairchild  Tibild  Tord Atkinson  Ovnt Atkinson  Ovnt Atkinson  Ovnt Atkinson  Ovnt Atkinson  Ovnt Atkinson	50,702 50,000 799,713 27,797 2,030 18,032 5,400 4,160 21,797 75,280 18,000 831,784 71,200 135,453 12,681	Mores Moris Mosinee  Necedah Neenah Neillsville New Holstein New Liston New Liston New Richmond Newton Northport Norwalk Oconto	128, 18, 54, 150, 500, 58, 1, 2, 52, 32, 90, 6, 1
Ownsville Orummond  Eagle River Lau Claire deger ton deson Eikhorn Embarrass Evansville  Fairchild  Fifeld  Fort Atkinson Fort Howard  Foundant City  Sarth	50,000 799,7:32 27,797 2,030 18,032 5,400 4,160 31,737 75,280 13,000 831,783 12,631 4,736	Mores Moris Mosinee  Necedah Neenah Neillsville New Holstein New Liston New Liston New Richmond Newton Northport Norwalk Oconto	128, 18, 54, 150, 500, 58, 1, 2, 52, 32, 90, 6, 1
Fond du Lac Fort Atkinson Fort Howard Fountain City	50,702 50,000 799,713 27,797 2,030 18,032 5,400 4,160 21,797 75,280 18,000 831,784 71,200 135,453 12,681	Morse Morris Mosinee  Necedah Neenah Neillsville New Holstein New Lisbon New Lisbon New Richmond New Richmond Nowthport Norwalk  Oconto Oconto Falis Ojems Ojivet. Omro	128, 18, 54, 150, 500, 58, 1, 2, 52, 32, 90, 6, 1

# Table D.—AGGREGATE WAGES BY LOCALITIES IN 1892.—Continued.

Park Falis	\$66,590	Stanley	\$3,55
Peshtigo	249,958	Stettin	1.64
Philips	216,765	Steuben	1.500
Plainfield	1,260	Stiles	46,98
lymouth	49,706	Stevens Point	362.65
Portage	116.517	Sterling	48.10
ort Washington	185,284	Stonehten	
Prairie du Chien	69, 462	Stoughton	88,88
		Sugar Bush	1,56
otosi	2,400	Superior	2,569,95
Port Edwards	40,246		
Pleasant Prairie	1,080	Trippville	1,50
Prescott	10,000	Thorp	27,65
Pulcifer	2,698	Tomah	155, 43
	•	Tomahawk	127.93
		Two Rivers	271.8
	1,968,880		201,00
Reedsburg	48,485	Union Grove	3.00
Rhinelander	225, 424	Titlos	
Rib Falls	2,592	Utley	14,00
Rib Lake	119,870		
ice Lake	266,581	Vesper	89,51
Richland Center	14,88%		
liver Fails	8,185	Warren's	51,72
Ripon	84.302	Washburn	818,21
мрои	02,000	Waterloo	19.00
		Watertown	222,8
Schleisingerville	6.262	Waukesha	140.94
Schofield	55,847	Waupaca	17.43
Seymour	4,688	Waupun	197.2
hawano.	28, 185	Wausau	582,40
Bheboygan		Wauwautosa	70. 2
Sheboygan Falls	41,0 6		2.80
Theil Leise Lerie			
Shell Lake	161,920	West Bend	34, 80
herry	50,000	West Depere	10,50
Shullsburg	28,000	Weyauwega	10,37
Soldier's Grove	2,160	Whitewater	15, 6
parta	14,296	Wilson's Island	12,00
Spencer	6,884	Wilson	26,00
Spokeville	7,680	Winneconne	12,00
Star	2,572	Woodville	4, 20

Table E.—SUMMARY OF ACCIDENTS—Which have occurred in the factories of Wisconsin during the years 1893 and 1894, as reported by the factory inspectors.

Localities.	Nature of Accidents.	Number of Accidents
Altoona	Loss of finger on circular saw	
Antigo	Loss of finger on circular saw  Eye injured by flying piece of steel.  Loss of one finger on rail saw  Face injured by piece from bursting emery wheel  Loss of ends of three fingers on bolting saw	8
Appleton	Killed, tell from roof into drainer	4
Arpin	Killed, struck on head by plece flying from bolting saw Killed, engineer, by exploding boller Loss of fluger on trimmer	8
Ashland	Loss of finger in live rollers  Permanent injury to arm by cut on slasher saw  Leg broken  Arm broken by falling coal	8
	Arm broken, board flying from edger	
	Loss of arm, thrown against saw by carriage Leg broken, frozen ore falling One workman, internal and external injuries falling through roof.  Arm broken, struck by carriage	
	LORS OF TWO DOMERS IN DOLLEY	
Baraboo	Loss of three fingers in circular saw Leg broken, iron plate failing Burned on the head, hot metal exploding by touching	11
Beldenville	frozen earth. Loss of end of thumb on twister	2
Beioit Berlin	Leg broken, log rolling on, cant-hook slipping  Arm broken, fall from ladder	1 1
Boscobel	Killed, crushed in planer while oiling. Loss of two fingers in rip saw	2
Brule	Killed, logs rolling on workman	ĩ 1
Cecil Chippewa Falls	Loss of two fingers in slab saw	_
combined Locks.	Loss of finger on shaper	2
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ninger crushed in rag thresher	
	Loss of fingar on circular saw  Back sprained, falling	
	Back sprained, failing Loss of finger in paper machine Hand burned in paper dryer	6
Dallas	Arm cut on circular saw  External and internal injuries in gears of bolting chest	i
De Pere Downsville	Killed a workman falling against a saw	
	Hand smashed, log rolling on	2
orummond	from surficer	1
čau Claire	Hand smashed, log rolling on A workman was killed, struck in abdomen by board flying from surficer Oiler killed, wound up in belt A workman was killed, struck in abdomen by board flying from rip-saw	
	Loss of finger on routing machine	`
	Loss of thumb on hand planer Loss of thumb and two fingers on a jointer	
	Loss of thumb on jointer	
	Loss of finger on jointer Killed, falling on cog-wheek was crushed in gearing Killed, by falling off derrick	
İ	Arm injured in planer	
	Killed, wound up by belt against countershaft	
ļ.	Internal and external injury to a workman by failing off	12
Elisworth ,	an elevator  Loss of two fingers in roller of log-jack	ï

TABLE E .- SUMMARY AND ACCIDENTS -- Continued.

Localities.	Nature of Accidents.	Number of Accidents
Fairchild	A loss of toes of one foot in carrier chains	1
Fifield Fond du Lac	Loss of part of foot on hand saw	1
. 022 22 220,	Arm broken, wound up by set screw	
	Killed, struck in abdomen by flying piece of timber from	
	rip saw. Loss of thumb on rip saw	
	Loss of part of thum on rip saw	6
Fort Howard	Loss of finger in feed roller of lath machine	
	Foot cut in sticker knives Loss of finger in feed roller of lath machine Loss of four fingers on face planer Loss of two fingers on face planer Arm broken on shefting	
Manuscad	Arm broken on shafting	4
lenwood	Leg broken, falling under logging train	1
reen Bay	Leg broken, piece of wood flying from bolting saw Leg broken, talling under logging train Arm broken, struck by chain of conveyor	-
	Loss of three nagers on jointer	
Hartford	Foot cut in sticker knives	i
Hazelhurst		_
Houlton	Loss of finger on rip saw	2
Hudson	Loss of hand in saw-dust conveyor. Loss of three fingers in roller of edger	•
	Loss of three fingers in roller of edger	
	Loss of leg in gearing of gang drilling machine	
	Loss of thumb on rip saw	
	Loss of finger on rip saw	
	Shoulder broken, falling from car	8
ron River	Shoulder broken, falling from car.  Killed, was wound around a shaft.  Lez broken, board flying from edger.	_
	Lez broken, board flying from edger	3
Janesville	Cut in arm, by saw	·
	Arm broken by file flying from moving belt	
	Loss of finger on press roller	
	Loss of thumb on machine saw	
Kaukauna		6
100200	Loss of finger in gearing Loss of finger in gearing Loss of heel in dryer gearing Ankle injured, log rolling on Killed, hand plate of digester blown off	
i	Loss of heel in dryer gearing	
	Killed, hand-plate of digester blown off	
	Killed, fell from scaff ilding	
Kenosha	Killed, fell from scaff ilding Loss of leg, run over by cars. Loss of two fingers on shaper	7
	Loss of finger on rip saw Two fingers crushed in nailing machine	
Kimberly	Two fingers crushed in nailing machine	8
Zimberly	Killed, falling from scaffolding	2
La Crosse	Loss of part of innex finger in roller Loss of thumb in gearing Loss of two fingers in gearing	
	Loss of two fingers in gearing	
	Killed, caught in pulley Killed, wound up on shaft	
	Loss of finger on jointer	
	Loss of finger on jointer Ribs broken, falling into empty vat Finger crushed in moulder Loss of part of fing r on rip saw Leg broken, barrel of meat falling on	
	Loss of part of fing r on rip saw	
	Leg broken, barrel of meat falling on Loss of finger on slab saw	
	Hand injured in handing machine	
İ	Loss of leg in planer belt. Loss of thumb on cut off saw.	
	Loss of thumb on cut off saw.  Leg broken, plank thrown from saw carriage	
	Loss of hand on siab saw	
	Both legs broken, failing lumber	
	Loss of thumb on slab saw	
	Loss of thumb on slab saw	

#### TABLE E.—SUMMARY OF ACCIDENTS.—Continued.

Localities.	Nature of Accidents.	Number of Accidents
fadison	Loss of finger in planer. Loss of finger on belting Arm broken, falling from scaffold	
Manitowoc	Arm broken, falling from scaffold	2
	Killed, board riving from rid saw	2
Marinette	Loss of great toe in shingle saw Loss of toe on edger	
	Leg broken, logs rolling on Wrist cut in trimmer of lath machine	
	Lost parts of two fingers in gears	
	Loss of foot on edger. Leg injured in gears.	
	Back sprained	
	Loss of finger on resaw	
	Killed, struck by board flying from edger	
	I Take of arm on rin saw	12
Marshfield	Loss of four fingers on stave saw	1
Mason Mauston	Loss of four fingers on stave saw.  Killed, hit by chain of trimmer.  Hand injured in jointer	i
Menasha	i killed. Ieli itom car oi loge, striking nead and drowning	ļ
	Loss of three fingers on a heading saw Killed, struck on head by broken belt	!
	I Loss of three fingers in shafting of turning lathe	
Menomonie	Loss of arm in shafting, wound up while oiling	î
Merrill	Killed, crushed between wagon and a post Loss of arm in shafting, wound up while oiling Both legs broken, jammed against lumber pile by car of	_
	Both wrists broken by fall from lumber pile	
	Arm cut on saw	J
	Lors of arm in gearing.  Arm broken, fall from tramway	ĺ
	Killed, fell from tramway	
	Killed, fell from tramway Loss of hand on slab saw Loss of hand on knotsaw	i
	Loss of hand on knot saw Leg broken, jumping from log deck	<b>:</b>
	Loss of two flugers on slasher saw	10
Merrillan Milladore	Leg broken, jumping from log deck Loss of two fingers on slasher saw Loss of two fingers on cut-off saw. Küled, board flying back from edger saw.	1 1
Neenah	Broken arm, lell from car	_
Neilisville	Killed, head crushed in bevel gears	*
	Hand cut on shaper	2
New London	Loss of one eye, piece from emery wheel flying in	į
	Loss of finger on rip saw	•
	Loss of one fluger on sticker Loss of part of finger on sticker	
North Freedom	Leg broken, board flying from rotary saw	1
Northport	Killed, board flying from saw.	1
Oconto	Arm broken, falling from ladder. Arm bruised, falling on drive belt	1
	Internal injury, struck by board flying from edger	
	Internal injury, board flying from sticker	5
Oconto Falls	A workman had leg broken (no particulars)	i
Oshkosh	Arm broken, on wheel machine	
	Loss of three fingers on slab saw	ļ
	Loss of fluger on trimmer	İ
	Loss of part of hand on rip saw Finger cut on rip saw	
	Finger cut on rip saw Loss of part of hand on band saw. Loss of hand in rag plater	1
	Loss of hand in rag picker Loss of fore-arm in rag picker	1
	Loss of finger on jointer Two workmen each lost a finger on circular saw	ŀ
	Internal injuries, fell from ladder.	
	Internal injuries, fell from ladder. Loss of two fingers on planer.	1
	Killed, fell from lumber pile Loss of three fingers on sticker	

TABLE E.—SUMMARY OF ACCIDENTS—Continued.

Localities.	Nature of Accidents.	Number of Accidents
Oshkosh	Loss of eye, piece of wood flying from table saw	
•••••	Loss of finger on slab machine.  Loss of finger on jointer	
	Loss of finger on jointer	
	Loss of finger on rip saw Injured in hip, board flying from self feed saw	
	Loss of eye, hot babbit metal flying in	
	Finger cut on rip saw	
	Loss of finger on shaper	
	Loss of two fingers in feed rollers of sticker	25
Donk Falls	Loss of eye, not babbit metal nying in. Finger cut on rip saw Loss of finger on shaper Loss of two fingers in feed rollers of sticker Loss of part of finger in paper box machine Fatally injured, hit by slab from carriage Loss of eye, piece of steel flying in Loss of finger on trimmer	1
Park Falls Perkinstown	Loss of eye, piece of steel flying in	1
Peshtigo	Loss of finger on trimmer	1
Phillips	Killed, wound up on shafting Killed, run over by locomotive	2
- A1	Killed, run over by locomotive Injury to head, struck by board from rip saw	
Plymouth	Hand split on rip saw	2
Port Edwards	Hand split on rip saw Loss of three fingers on shingle saw Hand cut on shingle saw	_
. 010 224 // 21 20 // // /	Hand cut on shingle saw	2
Porter's Mills	Killed, on tramway, run over by cars	1
Prairie du Chien.	Loss of finger on saw	2
Racine	Tana of thumb in dobbing machine	
(MCIIIO	Loss of tips of two fingers on shaper	
	Loss of thum in drowing manner.  Loss of troops of two fingers on shaper.  Arm broken, fall on sidewalk  Loss of two fingers on jointer  Injury to arm, bit of mortise machine forced through  Loss of finger on shaper.  Villed troops in stormed by board fixing from rip saw.	
	Loss of two fingers on jointer	
	Loss of finger on shaper	
	Loss of finger on shaper  Killed, struck in stomach by board flying from rip saw  Loss of four fineers on mangler	
	Loss of four fingers on mangler Loss of four fingers on feed roller saw	
. ′	Loss of four fingers on feed roller saw	
	Loss of part of finger on scarfing machine	
	LORR OF TOOL IN DOWER PULLER	
	Loss of hand in gears of punching machine	
	Loss of three ingers, lamined between found house door	
	and locomotive tender	1
	Loss of finger in mangler	ì
	Loss of two fingers on rip saw	i
	Loss of two fingers on rip saw	i
	Killed, wound up in shaft Loss of finger on buzz planer. Leg broken between car and rail.	21
Reedsburg	Loss of hinger on ouzz practical Loss broken between car and rail	1
	I LOSS OF TWO TITE ATS ON SPEATS OF SUBBLIBE BILLION	ŧ .
	Loss of finger on planer Loss of arm on swing saw Loss of hand on gearing of live rollers Leg broken on shaft	3
Rhinelander	Loss of arm on swing saw	į
	Leg broken on shaft	ł
	LOSS OF Dand, Dreaking Of Danu Saw	t .
Rib Lake	Killed, board flying from edger	9
Rice Lake	Loss of finger on slitting machine	l ĩ
Richland Center	Bodily injury, log rolling on	1 1 1
River Falls	Loss of four fingers on shaper	1 1
Schofield	Loss of two ingers on tental motions:  Killed, board flying from edger  Loss of finger in gearing  Loss of finger on slitting machine  Bodily injury, log rolling on  Loss of four fingers on shaper  Loss of three fingers on lath bolter  Fingers or unled between barrels	
Schlisingerville	Fingers crushed between barrels	•
Sheboygan		1
	Killed, in beit and shatting. Loss of finger on rip saw Loss of finger on rip saw Loss of finger on rip saw Loss of thumb on cut-off saw Loss of one eye, exploding bottle	l
	Leg broken, fell from fire escape	1
	Loss of Inger on rip 88.W	1
	Loss of one eye, exploding bottle	7
Sheboygan Falls	Two ribs brown, fail	i
Shall Take	Two ribs browen, fail Loss of three toes in live rollers Loss of arm on lath saw	] ]
	I Togy of arm on lath gaw	. 1

TABLE E.-SHOWING SUMMARY OF ACCIDENTS-Continued.

Localities.	Nature of Accidents.	Number of Accidents
Stevens Point	Loss of four fingers on planer	
	Loss of two fingers on rip saw	_
	Hand injured in gearing of live-rollers.	8
Superior	Leg broken, stone falling on	
(Including Sup-	Doss of finger on a saw	
erior. South Sup-	Loss of finger on a car puller.	
	Loss of two fingers on a shingle bolter.	
Superior.)	Loss of thumb on jointer	
	Loss of finger on a jointer	
'	Loss of two ingers on a snaper	
	Injury to hand on mangler.	(1)
	Killed, struck by falling coal.  Killed, run over by cars	
	Loss of hand on lath trimmer	
	Loss of two fingers on buzz planer	
	Killed, stepped off the platform of elevator	13
Thorp	Collar bone broken by log rolling on.	
140t p	Bones of foot broken, log rolling on	2
Tomah	Leg broken, piles failing on	~
1011011	Loss of thumb on jointer.	2
Tomahawk	Ankie broken, struck by piston rod	ĩ
Tripville		. i
Two Rivers	Loss of three fingers on face planer	-
	Hand cut on rip saw	
	Leg broken while unloading engine	
	Loss of three fingers on a heading saw	
i	Loss of one finger on heading saw	5
Washburn	Leg broken, falling from superstructure	
	Loss of finger on lath trimmer	
	Bodily injury, tramway falling.	
İ	Shoulder broken, wound up on shaft	
	Loss of four fingers on trimmer	
	Leg broken, fell from tramway	6
Watertown	Injury to abdomen, board flying from rip saw	
	Leg broken, bank caving in	2
Waukesha	Killed, run over by locomotive	1
Wausau	Loss of fluger on rip saw	
	Loss of thumb on rip saw	i
	Loss of finger on seat notcher.	
Wanzeka	Ankle broken, fell from piatform	
Wauzeka Winneconne	Loss of hand on entrance cutter	1
Zeda.	Foot jammed in carriage	1
2001a	Leg broken, ladder falling	
l	Hip hurt, place flying from edger	8
	Leg broken, log rolling on	0

#### TABLE F.—RECAPITULATION OF ACCIDENTS.

Total number of accidents 3	09	Fatal	44
CLASS	IF:	ICATION.	
The Head— Injury to the head Loss of an eye. Injury to eye.  The Arms— Laceration of arm Arm broken Loss of arm  The Hands—	8 8 1 7 10 4	Fingers cut.  The Legs— Injury to leg. Legs broken Both legs broken Loss of one leg.  The Feet— Foot crushed. Loss of part of foot.	1 27 3 8
Loss of one hand.  Loss of part of hand  Hand crushed.  Severe injury to hand.  The Fingers—  Loss of one finger.  Loss of two fingers	14 1 2 11 55 24 14	Loss of one foot	1 2 5 10 1
Loss of four fingers	8 19 17 8	Severe burns	1 12 23

Note.—For details of injuries see Inspection Reports.

#### TABLE G .-- SUMMARY OF ORDERS ISSUED.

# By the Factory Inspectors During the Years 1898 and 1894.

(For details see Report of Inspection.)

Classification of Orders.	otal.
FIRE ESCAPES -	
New	180
Extended to roof	14
Platforms on	20
Railings on.	9
Printed directions posted	88
Balconies, connected by	9
	<b>—— 27</b> 0
Elevators —	
New cables in	22
Guards around openings to,	49
Alarm beli changed.	4
Condemned	2
	70
STAIRWAYS—	
Railings or guards on	29
New	8
New	87
SAPETY GUARDS —	
On circular saws.	67
On flywheels	127
On slasher	19
On edger saws	12
On band saws.	5
On shafting	28
On pulleys	50
Over gearing	56
Over projecting keys	14
Over set screws	86
On cranks.	18
Around holes in floor	5
Belting.	79
	505
Main Doors —	
Changed to open out	96
SUCTION FANS AND VENTILATORS	4
WALKS -	
At top of vats and tanks	98

# 200a COMMISSIONER OF LABOR STATISTICS.

Classification of orders.	I otal.
Watchmen Employed	9
WATCH-CLOCK PROVIDED	8
ALARM-BELL COMMUNICATION —	
Between operatives' room and engineer's room	19
Children under 14 years of age discharged	135
Miscellaneous	74
Grand Total,	1,300

#### SYNOPTICAL REPORT

OF

ORDERS ISSUED BY THE FACTORY INSPECTORS

IN

Hotels, Public Halls, Churches, Schools, and Places other than Factories.

## HOTELS.

Location.	Name.	Orders.
Appleton	Hotel Ritger Barronnett Lumber	Ordered a fire escape placed on the west side.
Beloit,	Hotel Grand	Ordered a fire escape erected. Ordered fire-escape erected on north side at end of hall.
Black River Falls	Merchant's Hotel	Ordered directions to fire-escape posted is rooms and halls.
Boscobel	Central House	Ordered room 2, on third floor leading to ad- joining roof, vacated; also ladders provided for said roofs and directions to fire escape posted in rooms and halls.
Boscobel	Grant House	Ordered the front balconies connected by fire escape, and directions to fire escape posted in rooms and halls.
Camp Douglass	ECamp Douglass House	
Camp Douglass	Hotel Singleton	Ordered fire-escape placed in west side from adjoining roof; main doors changed to open out and directions to fire-escape posted in rooms and halls.
Chippewa Falls		Ordered directions to fire-escape posted in rooms and halls.
Chippewa Fails	Cardinal House	Ordered fire escape erected on south side of hotel at end of hall.
Chippewa Falls	Ottawa House	Ordeerd a fire escape erected on south side of building at end of hall.
Chippawa Fails	Stanley House	Ordered a fire escape erected on room 18, third floor, vacated.
Chipppewa Fails	Taylor House	Ordered a fire escape pisced on the southeast side of building, at end of hall, third floor. The present escape extended to the roof and directions to escape posted in the rooms and
Cumberland	Hotel Cumberland	in the halls.  Ordered fire-escape extended to roof, doors changed ty open outward and directions to
Delavan	Park Hotel	escape posted in rooms and halis. Ordered directions to fire-escape posted in the rooms and halis.
Elkhorn	The Elkhorn	Ordered a fire-escape placed on west side of
Elkhorn	Nickel Plate	hotel connecting the balconies.  Ordered a fire escape placed on the west side
Hudson	Central House	connecting the balconies. Ordered platforms of fire escapes extended in front of windows and railings placed on the same.
Hudson	Chapin Hall House	Ordered a fire escape on the west side of building extended to the roof, platforms and railings placed on the same and directions to escape posted in the rooms and halk.
Hudson	Commercial Hotel	Ordered a fire-escape placed on west side at end of hall. Escape on east side extended to roof, with platforms and railing. Room 8, third floor vacated and directions to fire- escape posted in rooms and halls.
Hayward	Hotel Pion	Ordered two fire-escapes erected, one on the southwest side and one on the northeast side, of the building; directions to the fire-escape posted in rooms and halls.
Iron River	Eau Claire House	Ordered an escape placed on east side and door at foot of stairway changed to open out- ward.
Iron River	Seymour Hotel	Ordered an escape placed on the west side and door at foot of stairway changed to open
Iron River	Thomas House	outward.  Ordered an escape erected on the west side and directions to escape posted in rooms and halls, also outside door at foot of stair-
Janesville	Grand Hotel	and halls, also outside door at foot of stair- way changed to open outward. Ordered an additional fire escape erected on the front or north side of building.

# HOTELS-Continued.

Location.	Name.	Orders.
Jefferson	Jefferson House	Ordered the balconies to be connected by fire escape and directions to escape posted in rooms and halls.
Juneau	Lewis House	Ordered the balconies on east side to be con- nected by fire escape.
Kenosha La Crosse	Schlitz Hotel Germania Hotel	Ordered a fire escape erected Ordered an escape erected on east*ide of build- ing and directions to escape posted in the
La Crosse	Hotel Jung	three rooms on third floor.  Ordered platforms placed upon the escape on east side, and railings placed on escape on the west side; directions to escape posted in the rooms and halls
La Crosse	Union Hotel	Ordered an escape erected on the east side and direction to escape posted in rooms and halis.
Madison	Hotel Van Etta	Ordered railings placed around platforms of fire escape.
Menasha	National Hotel	Ordered directions to fire escapes posted in rooms and halls.
Menomonie	Hotel Royal	Ordered directions to fire escape posted in rooms and halls.
Milwaukee	Hotel Aberdeen	Ordered platform placed on fire escapes at fourth floor; the law compiled with in regard to watchman; directions to escape posted in rooms and halls.
Milwaukee	Hotel Davidson	Ordered a watch-clock provided and law in re-
Milwaukee	Globe Hotel	gard to watchman compiled with.  Ordered directions to escape posted in rooms and halls and law in regard to watchman compiled with.
Milwaukee Milwaukee	Kirby House Leigh House	Ordered watchman's clock provided.  Ordered fire escapes in rear extended to roof, two additional escapes erected in front of building, law in regard to watchman com- plied with, and watchman provided
Milwaukee	Hotel Wellington	Ordered directions to fire escape posted in rooms and halls, and watch-clock provided.
Milwaukee	Priv. boarding house. Mrs. H. Harrison.	Ordered four fire escapes erected.
Milwaukee	Republican Hotel	Ordered directions to fire escape posted in rooms and halls.
Milwaukee	St. Charles Hotel	Ordered directions to fire escape posted in rooms and halls.
Milwankee	Schlitz Hotel	Ordered a watchman provided also watch- clock provided.
Milwaukee	Windsor Hotel	Ordered watchman provided also watch-clock provided.
Neenah	Neenah Hotel Russell House	Ordered a fire escape erected.  Ordered directions to fire escape posted in rooms and halis, and partition in hallway on
New London	The Elwood	third floor removed.  Ordered main doors changed to open outward, and directions to fire escape posted in rooms and halls.
Oshkosh	Athearn Hotel	Ordered fire escapes extended to roof, man- holes cut through platforms of escape on the south wall of building, drop ladder placed on escape on routh wall.
Oshkosh	National Hotel	the one now in use. Directions to escape
Oshkosh	Tremont House	posted in rooms and halls.  Ordered a new fire-escape erected on the south wall to replace the one now in use, also an escape now on east wall extended to roof and directions to escape posted in rooms and halls.
Omro	Larabee House	nails.  Ordered fire-escape placed on north side of building at end of hall.
Racine	Merchants' Hotel	Ordered to remove the iron ladder connecting
	1	of building and fasten said ladder to wall to

# HOTELS-Continued.

Location.	Name.	Orders.
Racine	The Wagner	Ordered a step to be placed at window in rea of hallway leading to lower roof and direc
Reedsburg	The Cent al	tions to fire escape posted in rooms and halls Ordered a fire-escape placed on the front of building to balcony and directions to escape
Richland Center	The Central	posted in rooms and halls.  Ordered fire-escape placed at end of hall or south side, also a ladder to adjoining roof or west side of building and directions to fire escape pisted in rooms and halls.
	Park Hotel	Ordered platforms placed on fire escape and bridge built to adjoining roof on the east side at end of hail.
Rhinelander	Alpine Hctel Rib Lake Hotel	Ordered fire escape erected at end of hall. Ordered three iron fire escapes erected at ends of halls.
Rice Lake	Central House	Ordered two fire-escapes erected and door changed to open outward.
River Falls	Gladstone House	Ordered directions to fire escape posted in rooms and halls.
Sheboygan Falls	City Hotel	Ordered fire-escape erected and directions
Soldiers' Grove	Headquarters	posted in rooms and halls. Ordered the balconies in front of hotel connected by escape; ladders provided at lower balcony in front and platform placed on fire escape in rear.
Spring Valley	Central House	Ordered main door at foot of stairway changed to open outward.
Spring Valley	Hotel Eau Gallie	Ordered two fire escripes erected, one at each end of hall; doors changed to open outward.
West Superior	Hotel Arthur	Ordered an additional fire escape erected on the west ride at end of hall. Directions to fire escape posted in rooms and halls.
West Superior	New Clarendon	Ordered fire escape erected on the east side of building; the two rear escapes extended to roof; room 19 vacated; outside door at foot of stairway changed to open out; directions to fire escape posted in rooms and halls.
West Superior	Wisconsin Hotel	
Wausau	Germania House	Ordered a fire escape placed on the north side
	Hotel Northern	of building; the same on the south side of building.
Wausau	Washington Hotel Lake View House	Ordered one fire escape erected.

# ASSEVBLY HALLS.

Location.	Name.	Orders.
. 1	I' (1)	
Altoons	Union Church	Ordered the doors changed to open out. Ordered a stairway erected to connect balcon
	1	les on the north File; door- on north and
Ashland	Scandinavian Hall	west side changed to open out. Ordered a fire escape erected on north side.
Barron	Ger. Lutheran church	Ordered main doors changed to open out.
Bayfield	Bayfield Opera House	Ordered the doors at foot of stairway changed
Bayfield	Scand, Coug. Church	to open out.
Beloit	Hall	Ordered the dooss changed to open out.  Ordered a fire escape placed on east side of hall; main doors at foot of stairway changed
Berlin	I. O. O. F. Hall	to open out. Ordered a fire-escape placed on the north side
Berlin	Knights of Pythias	to adjoining roof.
Boscobel	Hall G A. R. Hall	Ordered fire escape placed on south side of building to outside stairway.  Ordered fire escape placed in rear of hall to
pr		Ordered fire escape placed in rear of hall to
Boscobel	Third Interm. School.	connect with starway. Ordered doors changed to open out.
Camp Douglass	Singleton's Hall	Ordered main doors changed to open outward
Camp Douglass Chippewa Falls	Metropolitan Block	Ordered the platform of fire escape to be extended to window of I. O. O. F. hall, and rail-
		tended to window of I. O. O. F. hall, and rail-
Chippewa Falls,	Business College	ing placed on same. Ordered the main door changed to open out.
Columbus	City Hali	Ordered two outside stairs or ladders provided.
Columbus	Masonic Hau	Ordered main door chrnged to open out.
Columbus Cumberland	St. Jerome's Church	Ordered main doors changed to open out.
Cumberiand	Baptist Church	Ordered doors changed to open out. Ordered doors changed to open out.
Cumberland	St. Anthony's Church	Ordered doors changed to open out.
Delavan	Masonic Hall,	Ordered fire escape placed on the west side.
L'Ille horm	Magania Hall	Ordered fire escape placed on north side.
Eikhorn	St. John's Church Galesville College .	Ordered doors changed to open out. Ordered two fire escapes erected.
Green Bay	St. Willsbrod Church	Ordered main door changed to open out.
Green Bay Green Bay	Tenement house,	
	JITS N K NAIG 1	Ordered fire escape erected.
Green Bay	Tenement house, Fox	Ordered fire escape erected.
01002 Day	Block	Ordered fire escape erected.
Horicon	Horicon City Hall	Ordered outside stairway erected on west side of building.
Hudson	Ebenezer Luth. Ch	Ordered doors changed to open out.
Hudson	Scandinavian U. Ch	
Iron River	Congrega. Church St. John's School	Ordered main doors changed to open out. Ordered doors changed to open out.
Juneau	St. Stephen's Church.	Ordered doors changed to open out.
Janesville	First Presbyterian Ch	Ordered outside doors on northeast corner of
Kendalis	M. E. Church St. Michaels Church Germania Hali	building changed to open out. Ordered doors changed to open out.
Kendalls	St. Michaels Church	Ordered doors changed to open out.
La Crosse	Germania Hali	Ordered fire-escape extended to roof and bal-
1	1 .	conies on south side connected by stairway and directions to fire-escape posted. Ordered guard placed secund elegator in because
La Crosse	McMillen Block	Ordered guard placed around elevator in base-
Madison	Dick's Hall	ment. Ordered railings placed around platforms of
		fire escape.
Madison	Germania Socy. Hall.	Ordered fire escape placed on north side of building.
Manitowoc	Heyday Club Assem-	Ordered ladder movided on the extern chair
	bly Hall	Ordered ladder provided on two-story addition to platform of outside stairway.
Monitowoc	Torrison Block	Ordered fire-escape erected.
Manitowoc	State Bank Building.	Ordered fire-escape erected.
Mazomanie	Congregati'l Church.	
Menomonie Menomanie	The Memorial	Ordered doors changed to open out. Ordered doors changed to open out.
Merrill	German M. E. Church	Ordered doors changed to open out.
Milton Junction	Advent Church	Ordered main doors changed to open out.
Milwaukee	Belvedere Block	Ordered fire escapes erected; watchman and
Milwaukee	Home of Good Shep-	watch-clock provided.
AL WOLLSON	herd	Ordered fire escape erected on east wall and on
	)	south wall center of addition.

## ASSEMBLY HALLS-Continued.

Location.	Name.	Orders.
Milwaukee Milwaukee Milwaukee	Miller Block D. Dixon's Block. New Hampehire Blk. The Norman	Ordered three fire escapes erected. Ordered front door changed to open out Ordered watchman and watch clock provided. Ordered main door changed to open out and
Milwaukee Milwaukee	Mason'c Hall St. Vincent Infant Asylum	watchman and watch clock provided. Ordered fire-escapes erected. Ordered two fire escapes placed on east wall, one on the south wall.
Oconto	New Presbyterian Ohurch	Ordered doors changed to open out.
Prairie du Chien	St. Johns Bohemian	Ordered doors changed to open out.
Prentice Reedsburg	First Cong'l Church I. O. O. F. Hall	Ordered doors changed to open out. Ordered doors at foot of stairway to be chanto open out.
Reedsburg	mary School	Ordered storm-doors changed to open out.
Rice Lake	First Presbyterian Church	Ordered doors changed to open out.
Richland Center Richland Center Richland Center	Free Medodist Church I. O. O. F. Hall Masonic Hall	Ordered doors changed to open out. Ordered doors changed to open out.
Ripon	Stone Opera House	Ordered outer door at foot of stairway chan
River Falls	First Baptist Church.	ged to open out.  Ordered fire-escapes placed on east side of half
Sheboygan Sheboygan Shell Lake Spring Valley Washburn Watertown	Masonic Hall	to outside balcony Ordered doors changed to open out. Ordered fire-escape erected. Ordered fire-escape erected. Ordered doors changed to open out. Ordered doors changed to open out.
	St. Bernard Parochial School	Ord-red doors changed to open out. Ordered doors changed to open out.
Watertown	Cambriln Block	Ordered escape placed on south aide of building to adjoining roof.
Waukesha	Kimball's Block	Ordered fire escape erected on west side of
Waukesha	Putney's Block	building. Ordered fire-escape placed on building to afford escape from Masonic Hall and another escape erected to afford escape from I. O.O. F. Hall.
Waukesha	Robinson Block Waupaca County Na- tional Bank	Ordered fire escape erected. Ordered fire escape erected.
Wausau	Wausau Eus College.	Ordered outside doors at foot of stairway changed to open out.
Wauzeka West Bend	St. Paul's Church C. Hangartner's Blk	Ordered doors changed to open out.
West Superior	Agan Block	Ordered fire escape erected on west side of
West Superior	Cloquet Biock	building. Ordered fire escape erected on west side of building and doors changed to open out.
West Superior	Gem Theater	Ordered fire escape placed on east side of building.
West Superior	Green & Tichnor's Block	Ordered fire escape placed on south side of
West Superior	Loring Terrace	building. Ordered rear platform on level with each floor
Winneconne	First Presbyterian	connected by stairway.
Winneconne	M. E Church St. Paul's Lutheran	Ordered doors changed to open out. Ordered doors changed to open out.
Wonewoc	Church. St. Jerome's Cath.	Ordered doors changed to open out.
TT OMOTION	Church	Ordered doors changed to open out

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Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Waite, C. M.       177a         Wall & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walton, A.       12a         Warren Geo. Co.       165a         Warren Geo. Co.       165a         15a       12a	west Wisconsin mig. CO. 175a Westfahl, F., & Co. 115a Western Leather Co. 115a Western Leather Co. 115a Western Screen Plate Works 15a Western Screen Plate Works 15a Wetzel, A., & Bros 116a Wetzel, A., & Bros 116a Wheel & Seeder Mfg. Co. 60a Wheelihan, W. P. 18a Whitaker Engine & Skein Co., The. 52a Whiteker Engine & Skein Co., The. 60a White River Lumber Co. 60a White Rock Mineral Spring Co. 170a Whitewater Wegister 177a Whitewater Wegister 177a Whiteng George H 72a
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Waite, C. M.       177a         Wall & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walton, A.       12a         Warren Geo. Co.       165a         Warren Geo. Co.       165a         15a       12a	West Wisconsin mig. CO
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Waite, C. M.       177a         Wall & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walton, A.       12a         Warren Geo. Co.       165a         Warren Geo. Co.       165a         15a       12a	west wisconsin mig. CO. 115a Westfahl, F., & Co. 115a Western Leather Co. 115a Western Malleable & Grey Iron Mfg. Co. 15a Western Paper Co. 116a Western Screen Plate Works 8a Wetzel, A. & Bros 116a Wheel & Seeder Mfg. Co. 60a Wheelihan, W. P. 13a Whitaker Engine & Skein Co., The. 52a Whitberk, H., Co., The. 62a White River Lumber Co. 63a White River Lumber Co. 63a White Rock Mineral Spring Co. 170a White Rock Mineral Spring Co. 170a Whitewater Register 177a Whitewater Wayon & Carriage Co. 177a Whithus, George H. 72a Whithaker, James 47a Wicks & Son 146a
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       65a         Wagner, J. G.       115a         Wall, C. M.       177a         Wall & Clinton       24a         Wallace & Kraner       155a         Wallsh, F. A. & Co.       115a         Walter Bros       72a         Walter Bros       72a         Walton, A.       12a         Warehouse and Builders' Supply Co.       163a-172a         Washburn Box Co.       166a-172a         Washburn Brewing Co.       166a         Washburn Mfg. Co., The       166a         Washbugton County Publishing Ass'n       176a	Whitbenk H Co, The   69a   White River Lumber Co   69a   White Rock Mineral Spring Co   170a   Whitewater Register   177a   Whitewater Wagon & Carriage Co   177a   Whiting, George H   72a   Whittaker James   47a   Wicks & Son   146a   Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   146a   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Son   The Wicks & Wicks & Son   The Wicks & Wicks & Son   The Wicks & Wicks & Son   The Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & Wicks & W
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Walter, C. M.       177a         Wail & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walten Bros       12a         Warehouse and Builders' Supply Co.       165a-173a         Warren, Geo. Co.       165a-173a         Washburn Browing Co.       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co.       17a         Washburn James       43a	Whitbenk H. Co, The   69a   White River Lumber Co   69a   White Rock Mineral Spring Co   170a   White Mater Register   177a   Whitewater Register   177a   Whiting, George H   72a   Whiting, George H   72a   Whittaker, James   47a   Wicket & Son   146a   Wicket & Co, The   8a   Wiener, E   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Walter, C. M.       177a         Wail & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walten Bros       12a         Warehouse and Builders' Supply Co.       165a-173a         Warren, Geo. Co.       165a-173a         Washburn Browing Co.       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co.       17a         Washburs, James       43a	Whitbenk H. Co, The   69a   White River Lumber Co   69a   White Rock Mineral Spring Co   170a   White Mater Register   177a   Whitewater Register   177a   Whiting, George H   72a   Whiting, George H   72a   Whittaker, James   47a   Wicket & Son   146a   Wicket & Co, The   8a   Wiener, E   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Walter, C. M.       177a         Wail & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walten Bros       12a         Warehouse and Builders' Supply Co.       165a-173a         Warren, Geo. Co.       165a-173a         Washburn Browing Co.       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co.       17a         Washburs, James       43a	Whitbenk H. Co, The   69a   White River Lumber Co   69a   White Rock Mineral Spring Co   170a   White Mater Register   177a   Whitewater Register   177a   Whiting, George H   72a   Whiting, George H   72a   Whittaker, James   47a   Wicket & Son   146a   Wicket & Co, The   8a   Wiener, E   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Walter, C. M.       177a         Wail & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walten Bros       12a         Warehouse and Builders' Supply Co.       165a-173a         Warren, Geo. Co.       165a-173a         Washburn Browing Co.       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co.       17a         Washburs, James       43a	Whitbenk H. Co, The   69a   White River Lumber Co   69a   White Rock Mineral Spring Co   170a   White Mater Register   177a   Whitewater Register   177a   Whiting, George H   72a   Whiting, George H   72a   Whittaker, James   47a   Wicket & Son   146a   Wicket & Co, The   8a   Wiener, E   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a   115a
Wabash Screen Door Co.       144a         Wadhams Oil & Grease Co.       115a         Wagner, E.       66a         Wagner, J. G.       115a         Walter, C. M.       177a         Wail & Clinton       24a         Wallace & Kraner.       156a         Walsh, F. A. & Co.       115a         Walter Bros       72a         Walten Bros       12a         Warehouse and Builders' Supply Co.       165a-173a         Warren, Geo. Co.       165a-173a         Washburn Browing Co.       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co., The       166a         Washburn Mfg. Co.       17a         Washburs, James       43a	Whitbenk H Co, The.   69a   White River Lumber Co   69a   White Rock Mineral Spring Co   170a   White Rock Mineral Spring Co   170a   Whitewater Register   177a   Whitewater Wagon & Carriage Co   177a   Whiting, George H   72a   Whitaker, James   47a   Wicke & Son   146a   Wicke & Son   146a   Wickert Co , The   8a   Wiener, E   115a   Wiggenhorn Bros   169a   Wilcox & Richards Co   36a   Wild, B, Factory   25a   Wiley-Warner Electric Co, The   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   Wiley-Warner Electric Co, The   17a   17a   White Proposition Company Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Con
Wabash Screen Door Co.         144a           Wadhams Oil & Grease Co.         115a           Wagner, E.         66a           Wagner, J. G.         115a           Waite, C. M.         177a           Wall & Clinton         24a           Wallace & Kraner.         156a           Walsh, F. A. & Co.         115a           Walton, A.         12e           Warehouse and Builders' Supply Co.         163a           Warren, Geo. Co.         165a           Washburn Brewing Co.         166a           Washburn Brewing Co.         166a           Washburn Mfg. Co.         166a           Watertown Electric Light Co.         168a           Watertown Electric Light Co.         168a           Watertown Mfg. Co.         168a           Watertown Shoe Co.         168a           Watertown Steam Laundry         169a	Whitbenk H Co , The   69a   White River Lumber Co   69a   White Rock Mineral Spring Co   170a   White Rock Mineral Spring Co   170a   Whitewater Register   177a   Whitewater Wayon & Carriage Co   177a   Whiting, George H   72a   Whitaker, James   47a   Wicks & Son   166a   Wicks & Son   166a   Wickert Co , The   15a   Wiggenhorn Bros   169a   Wilcox & Richards Co   36a   Wilcox & Richards Co   36a   Wilcy - Warner Electric Co , The   17a   Wilkowski Bros   169a   Wilcox Mig Co   116a   Willer Mfg Co   116a   169a   Wilcox Mig Co   116a   169a   Wilcox Mig Co   116a   169a   Wilcox Mig Co   116a   169a   Wilcox Mig Co   116a   169a   169a   Wilcox Mig Co   116a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   169a   1
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Page.   Page.   Relief, E. R.   17   Kent, E. J. & Co   6, 14, 20   Ketel, William   14   Kindt, C. F   67   King, Thomas J   68   Kleinhammer, Henry   5, 8, 18, 18   Kliok, John W. & Son   6, 9, 14   Knowles, C. J   6, 14, 19   Knueppel, August   5, 9, 18, 18   Krebe, Chas   6, 10, 15, 20   Kusel, D. & F   7, 11, 15, 21	Page   Page   Reedaburg Building & Lumber Co. 5, 18, 18   Rhyner & Kitz   5, 8, 18, 18   Rhyner & Kitz   5, 8, 18, 18   Rice, J. H. & Friedman Co., The   78   Rice, M. J.   14, 19   Richardson, C. E.   48   Riley, J. A.   15, 20   Rische & Sons   5, 8, 18, 17   Roeder, John & Son   5, 8, 18, 17   Root, F. G.   5, 8, 18, 18   S.
L. Lieberg & Wulf	Sargent, J. B     51       Scheer, William     6, 14, 19       Schlosser Bros     16, 21       schmidt, Ferd     6, 16       Schroeder, Henry J     14       Sheboygan Chair Co., The     71       Sheire, Romaine     59       Sountag, Louis     7, 11, 15, 10       Stevens, E. M.     5, 13, 17
Mahler & Albenberger Co., The.       78         Mahlgren, A       12, 17         Malkowsky, Henry.       6         Marks. Thomas.       18, 18         Martin, A. O       6         Masop, E. C.       11, 15, 20         Max Brothers       73         McDonald, C. L       43         McMillan, William       12, 17         McMurphy. Geo       0       15, 17         Mertz Bros       7, 10, 15, 20         Mertz Bros       5, 8, 13         Mitchell, O. M       18, 18         Moran, Louis G       18         Murray, John       14, 19	Stiemke, Carl 14, 19 Story Bros 21 Swift, N. O. 6, 15  T.  Thomas & Anheuser 6, 9, 14, 19 Thomsen, J. M. 6, 9, 14, 19 Tully, J. H. 6, 9, 14, 19 Turner, R. # 9, 18, 18
N.  Neumann, August M. G 5  Noerenberg & Mohns 6, 10, 15, 20	Vance, J. B
P.  Patterson & Co., W. 8 6, 10, 15, 20 Peck, Porter P	W.  Walsh, Richard. 56 Warren, Chas 14, 19 Watertown Stone Co., The. 7, 11, 16, 21 Webster, Joseph. 14, 19 Webster, Joseph 53 White, J. W. 42 Willard, C. L. 14, 19
R. Randali, C. E	Y. Yeomans, R. C

#### BUREAUX OF LABOR STATISTICS.

The following is a list of Labor Bureaux in the United States, with names of Commissioner, Secretary or Chief of Bureau, and their post office address:

NATIONAL BUREAU OF LABOR - Carroll D. Wright, Commissioner, Washington, D. C.

California-Geo. W. Walts, Commissioner, San Francisco.

COLORADO-Secreta y of State, ex-officio; J. W. Brentlinger, Commissioner, Denver.

CONNECTICUT - Robt. J. Vance, Commissioner, Hartford.

IDAHO-J. M. Mathews, Commissioner of Immigration, Labor and Statistics, Boise City.

Illinois - George A. Schilling, Secretary, Springfield.

INDIANA - S. J. Thompson, Chief, Indianapolis.

Iowa-W. E. O'Bleness, Commissioner, Des Moines.

KANSAS-J F. Todd, Commissioner, Topeka.

KENTUCKY-Nicholas McDowell, Commissioner, Frankfort.

MAINE-Samuel W. Mathews, Commissioner, Augusta.

MARYLAND - A. B. Howard, Jr., Chief, Baltimore.

MASSACHUSETTS-Horace G. Wadlin, Chief, Boston.

MICHIGAN-Charles H. Morse, Commissioner, Lansing.

MINNESOTA- L. G. Powers, Commissioner, St. Paul.

MISSOURI-Henry Blackmore, Commissioner, Jefferson City.

MONTANA-James H. Mille, Commissioner, Agriculture and Labor, Helena.

NEBRASKA-J. B. Erion, Commissioner, Lincoln.

NEW HAMPSHIRE-John W. Bourlet, Commissioner, Concord.

New Jersey-Charles Simmerman, Chief, Trenton.

New Mexico - Max Frost, Secretary of Bureau of Labor and Immigration, Santa Fe.

New York-Thomas J. Dowling, Commissioner, Albany,

NORTH CAROLINA-B. R. Lucey, Commissioner, Raleigh.

North Dakota - Nelson Williams, Commissioner of Agriculture and Labor, Bismark.

OHIO-W. T. Lewis, Commissioner, Columbus.

PENNSYLVANIA - Albert S. Bolles, Chief, Harrisburg.

RHODE ISLAND - Henry E. Tiepke, Commissioner, Providence.

South Dakota-Walter McKay, Commissioner, Aberdeen.

TENNESSEE - John E. Lloyd, Commissioner and Inspector of Mines, Nashville.

Texas – John E. Hollingsworth, Commissioner of Agriculture, Insurance Statistics and History, Austin.

UTAH-Joseph E. Bach, Territorial Statistician, Salt Lake City.

Wisconsin-J. Dobbs, Commissioner, Labor, Census and Industrial Statistics, Madison.

# FIFTH BIENNIAL REPORT

OF THE

# BOARD OF REGENTS

OF

# Normal Schools of Wisconsin

For the School Years 1892-3, 1893-4.



MADISON, WIS.:
DEMOCRAT PRINTING COMPANY, STATE PRINTER,
1894.

# BOARD OF REGENTS OF NORMAL SCHOOLS.

#### 1892-1893.

#### Regents Ex-Officio.

THE GOVERNOR OF THE STATE—HON. GEORGE W. PECK.
THE STATE SUPERINTENDENT—HON. OLIVER E. WELLS.

#### Regents Appointed.

F. P. AINSWORTH, River Falls.
D. J. GARDNER, Platteville.
BERNARD GOLDSMITH, Milwaukee.
IRA A. HILL, Sparts.

JOHN W. HUME, Oshkosh.

E. M. JOHNSON, Whitewater.

MICHAEL KIRWAN, Manitowoc.

BYRON B. PARK, Stevens Point.

W. D. PARKER, Madison.

#### Officers of the Board 1892-1893.

PRESIDENT, REGENT HUME.

VICE-PRESIDENT, REGENT JOHNSON.

SECRETARY, REGENT PARKER.

TREASURER, EX-OFFICIO, HON. JOHN HUNNER.

#### 1893-1894.

#### Regents Ex-Officio.

HON. GEORGE W. PECK, GOVERNOR. HON. OLIVER E. WELLS, STATE SUPERINTENDENT.

#### Regents Appointed.

F. P. AINSWORTH, River Falls,	•		-	Term expires February, 1895
D. J. GARDNER, Platteville, -				Term expires February, 1896
BERNARD GOLDSMITH, Milwaukee,		-	•	- Resigned February, 1894
IBA A. HILL, Sparta,	-			Term expires February, 1896
JOHN W. HUME, Oshkosh, -			-	Term expires February, 1897
E. M. JOHNSON, Whitewater,			-	Term expires February, 1895
MICHAEL KIRWAN, Manitowoc -			•	Term expires February, 1896
BYRON B. PARK, Stevens Point,	-	-	•	Term expires February, 1897
W. D. PARKER, Madison, -	-		•	- Resigned August, 1894
W. J. TURNER, Milwaukee,			•	Term expires February, 1897

#### Officers 1893-1894.

PRESIDENT UNtil July, REGENT HUME,—REGENT HILL thereafter.
VICE-PRESIDENT, REGENT JOHNSON.

SECRETARY, REGENT PARKER, until August,—REGENT AINSWORTH thereafter.
TREASURER EX-OFFICIO, HON. JOHN HUNNER.

#### Standing Committees.

#### Course of Study and Text-

Books, - Regents PARK, KIRWAN, AINSWORTH.

Executive, - - Regents HILL, JOHNSON, TURNER.

Finance, - - Regents AINSWORTH, GARDNER, TURNER.

Graduating Cla ses, Regents KIRWAN, PARK, WELLS.

HUME, GARDNER, AINSWORTH.

Institutes, - Regents WELLS, AINSWORTH, GARDNER.

Inspection, - Regents HUME, TURNER, JOHNSON, HILL.

Teachers, - Regents JOHNSON; AINSWORTH, KIRWAN.

#### Schools Located at

Milwaukee,

Oshkosh,

Platteville, Stevens Point, River Falls,

Whitewater

Semi-annual Meeting, First Wednesday in February, 1895, at 10 o'clock a. m., at Room 7, Capitol.

# PRESIDENT'S REPORT.

HON. GEO. W. PECK,

Governor.

I have the honor to report for the bi-ennial period ending on the 31st of August, 1894, and in conformity to sections 333 and 410 of the Annotated Statutes of the state of Wisconsin.

Attention is respectfully called to statistical tables and the reports of the presidents of the schools duly incorporated herein.

The work of the Board as a body, is briefly summarized as follows:

Owing to the pressure of extraordinary business, the Board has been in session frequently, and with a view to dispatch the business, the Executive Committee has recently been authorized to perform specified duties that will hereafter relieve the Board, as a body, from frequent conventions.

The more important subjects to which this report calls attention are:

The revision of the courses of study of the schools for the year commencing September, 1892, and

The execution of the pleasure of the last legislature in the effort to establish two new normal schools.

During the summer vacation of 1892, a committee of the Board, with the assistance and co-operation of the presidents of the schools, revised and enlarged the courses of study with the view of affording more electives for such students as in the higher course seemed to possess mature judgment.

In the effort to establish two new normal schools, the

Board has been in part successful, and the following outline of action to that end, is an abstract from the records of the secretary.

April 19th, 1893, chapter 185 of Laws, was signed by the Governor, authorizing donations from localities, for new normal schools; the establishment of two new schools; a gift by the State of \$70,939.02 for equipping new schools and repairing old buildings; and a tax levy upon property of the state, rated at one-twentieth of one mill, and the Board met at once and authorized advertisements for plans for normal school buildings.

May 9th—July 7th. The Board visited the cities of Marinette, Oconto, Green Bay, Ft. Howard, De Pere, West De Pere, Grand Rapids, Centralia, Marshfield, Wausaw. Merrill, Stevens Point, Neillsville, Chippewa Falls, Eau Claire, La Crosse, Sparta, Tomah, Ashland, Washburn, Bayfield and Superior, for the purpose of determining the location of schools.

July 18th. The Board appropriated \$19,000 for the construction of an addition to the Oshkosh Normal School.

July 21st. The Board referred the selection of plans for the new normal school buildings, to a Special committee; this committee selected a proper plan on the 25th day of September, 1893, for the Stevens Point School, after inviting a second competition from architects.

July 22nd. The Board voted to locate schools at Stevens Point and Superior.

Sept. 8th-9th. The Executive Committee was authorized to proceed with the construction of buildings at Stevens Point and Superior, the gifts of \$50,000 and \$65,000 respectively, of the cities named, having been reported by the treasurer, and the "Brown Site" having been reported as selected by the Executive Committee in Stevens Point, on the 15th of the preceding August.

Sept. 15th. The Executive Committee met at Superior

and designated five acres in the northeast corner of the so called "Hayes Tract," as the site for the seventh normal school.

Oct. 21st. The deed and abstract of the "Hayes Site," at Superior was refused by the owner.

The Executive Committee awarded the construction of the building at Stevens Point to Chicago contractors, but upon their failure to execute a bond for faithful performance under the contract proposed, the executive committee, on November 3d, awarded the contract for the construction of the Stevens Point building to E. Bonnett & Son of Whitewater, at the sum of \$49,800.

The Executive Committee accepted the plans and services for superintendence of construction, of Perkins & Selby of Chicago for the Stevens Point building.

Feb. 15th, 1894. The Executive Committee contracted with F. S. Ideson, for ventilating and steam heating the Stevens Point building, at a total expense of \$10,273.

April 11th. The Board designated the courses of study for the Stevens Point school, which were fixed by the Board in July, 1892 and were published in the proceedings of the Board, Feb. 1st, 1893.

April 12th-13th. The Board met at Superior and declined to accept any new site for the seventh normal school, that had been tendered.

The Board filed a resolution with the authorities at Superior, expressing the judgment that it seemed inexpedient to make further attempts to select a site in that city.

May 17th. The Board rescinded its action of July 23d, 1893, so far as related to the location of the seventh normal school in the city of Superior.

May 31st. The Board authorized its officers to draw a warrant for the sum of \$65,000 in favor of the city of Superior, for the purpose of refunding to that city, its gift designed for the establishment of a normal school, made on the 9th of September, 1893.

#### SPECIAL REVENUES.

Chapter 185 of the laws of 1893, and action of the land commissioners approved by the Governor on the 18th of May, 1894,—said officers acting under joint resolution number 18, of the legislative session of 1892,—afforded the Board means for furnishing the normal school building at Stevens Point, for making repairs at the old schools and for enlarging the buildings at Milwaukee and Oshkosh. Sums thus derived are enumerated below:

Chapter 185, Laws of 1898—Drainage fund	<b>\$</b> 70,939 <b>02</b>
Chapter 185, Laws of 1893—1-20 mill tax	82,700 00
Judgment against Ex state treasurers	47,785 20

The sum of \$20,000 was set apart from the drainage fund by Chapter 185, Laws of 1893, for repairs, etc. of old buildings,— of the balance \$25,469.51 has been used in constructing and equipping the sixth school at Stevens Point, an equal sum remaining in the hands of the treasurer may be used for a seventh school.

At the date of the last report from this office, there was pending in the circuit court, a suit in which this Board was made defendant, which was instituted to determine the interpretation of the statute that authorizes this Board to operate the schools, which reads as follows:

"Section 404. The said Board shall have government and control of all normal schools, and shall have power therefor: 1. To make rules, regulations and by-laws for good government and management of the same, in each department thereof. 2. To appoint principals and assistants, and such other teachers and officers and to employ such persons as may be required for each said schools; to fix the salary of each person so appointed and employed, and to prescribe their several duties. 8. To remove at pleasure, any principal, assistant or other officer or person, from any office or employment in connection with any such school."

The history of the case is as follows:

In February, 1892, some students of the Milwaukee Normal School presented charges to the Board against the

president of that school. The Board investigated the charges. During the inquiry it was found that Silas Y. Gillan, a teacher in the school, had been so related to the administration of the school, that this Board deemed it in the interest of the school to dismiss Mr. Gillan, and voted to that end on the 16th of March, 1892.

On June 28 succeeding, Mr. Gillan demanded salary for the balance of the school year. which closed June 23, claiming \$647.68. The claim in his complaint, served upon the Board on August 30, 1892, was placed at \$791.68 with interest, costs and disbursements in the action.

At the meeting of the Board held July 13-15, 1892, the Board had conceded that \$141.68 was due, and having learned at a later date that Mr. Gillan had failed to realize upon a check which was designed to pay salary due before his dismissal, the Board joined issue with him in the Circuit Court, making a tender in defense of \$291.68 and accrued interest.

The case was tried in the November term of the Dane county circuit court, 1893, and decision was rendered for the defendant, whereupon the plaintiff appealed to the supreme court of the state, and a decision was rendered by that court, on the first day of May, 1894, in substance as follows:

#### SCHOOL BOARD-POWER TO DISMISS TEACHER.

"If the exercise of this discretionary power conferred on the Board by the statute is not effectual to remove a teacher in the normal schools, and terminate his wages, then the statute is nugatory, and has no force whatever, and it had better be repealed. We can come to no other conclusion than that of the circuit court,—that the plaintiff was entitled to no compensation or salary beyond the 18th day of April, 1892. The removal of the plaintiff is not questioned as an abuse of the discretion of the Board. This has been a very unfortunate controversy; but it is better that it has been in the courts, than before the Board of Regents of Normal Schools, on the trial of charges against the plaintiff, with the view of his removal for cause, and it has done far less harm to the plaintiff or the school. The

plaintiff's competency and ability as a teacher have not been questioned, or his moral character assailed. He had unfortunately become embroiled in controversies which impaired his usefulness as a teacher, and threaten ed the success, peace and harmony of the school. It was thought, no doubt, by the Board, that his removal in this quiet way would promote the interests of the Milwaukee school, and the Board has not been charged with any other motive. This important case has been very ably presented by the learned counsel of both sides, and we have endeavored to give to it sufficient attention to arrive at a correct conclusion. The judgment of the circuit court is affirmed."

#### INSTITUTES.

A standing committee of this board, selected with special reference to the interests involved, and designated as "Committee on Institutes," has given marked attention to Teachers' Institutes during the past two years. It has been active in response to all needs and demands, has kept in touch with the character and scope of the work undertaken and its efforts have elicited the approval of Superintendents and Teachers.

The conclusion appears to be warranted that these meetings afford indispensable means for disseminating better and more progressive methods in school work.

#### SOURCES OF REVENUE.

Our revenue is variable from year to year and cannot be accurately estimated. For the next year the estimate is as follows:

From investment of Normal School Fund	\$98,157	81
From tuition fees, book-rents, sales, etc	14,500	<b>0</b> 0
From institute appropriations (Ch. 214, Laws 1883)	1,500	00
From appropriation Milwaukee School (Ch. 864, Laws 1885)	10,000	00
From appropriation 1 20 mill tax (Ch. 185, Laws 1893)	80,000	00
Total	\$154,157	31

Estimated cost of the operation of the six schools and the teachers' institutes for the school year ending June 30th, 1895, is as follows:

1000, 15 40 10110 115.		
Salaries	\$126,161	79
Miscellaneous expenses at schools	12,801	20
Insurance	3,500	00
Fuel	9,200	00
Official visitors	600	00
BOARD EXPENSES.		
Printing	400	00
Office and Regents' expenses	4,500	00
Teachers' Institutes		
Total	\$164,162	99

In the foregoing estimate, no provision is made for needed repairs or for the purchase of apparatus to keep the schools abreast of like institutions elsewhere.

The work required of Normal Schools, demands teachers of superior ability, and it has been the aim of this board to secure able men and women for instructors; but the salaries we can pay are limited by the means at command, and the board is at times compelled to employ young teachers with little experience, in the hope that presidents can train them to fill important positions, and when success has rewarded this effort, and the trained teacher demands substantial recognition of merit, that recognition is often met by schools with greater revenue, and thus our faculties become training classes for other schools.

As the schools mature, larger sums must be spent yearly for the maintenance of buildings, libraries, apparatus and furniture, while the per cent. of income from the endowment is being diminished, owing to the ability of borrowers to fund their debts at lower rates of interest.

Additional aid from the state in support of Normal Schools and Teachers' Institutes is imperative under existing conditions.

Prior to 1885 the state had made no appropriations for the support of Normal schools, but since that time has dealt with them fairly.

The increase in number of schools, the great increase in number of students, the natural deterioration in buildings and furnishings demand increased permanent aid, and to that end it is recommended that legislation be sought that will add effectively to the annual revenue of the board—without this increase the Seventh Normal School cannot be established and successfully maintained.

This increase can best be accomplished by repealing chapter 364, Laws of 1885, and section 3 of chapter 185, Laws of 1893, and the enactment of a statute appropriating annually one fifth of one mill on the dollar of the taxable property of the state, for the maintenance of Normal Schools.

#### DETAILED EXPENDITURES.

The entire lists of warrants drawn since the last biennial report by the Board are recited below:

Warrants drawn during the year closing July 22, 1893.

	1892.		·	
1	July	26	Jos. Meinhardt, building	\$250 00
1 2 8	•	29	A. H. Main, insurance premium	197 00
8		30	J. W. Hume, pay roll	50 <b>00</b>
4		80	D. J. Gardner, pay roll	86 BO
5		80	F. P. Ainsworth, pay roll	50 00
6		80	E. M. Johnson, pay roll	99 50
7	Aug.	5	E. M. Johnson, pay roll E. J. Evans, concrete walk	300 00
Ř		5	W. D. Parker, salary, secretary	150 00
8		6	John Schneider, fuel	461 00
10		6	John Schneider, fuel B. Goldsmith, pay roll, Milwaukee	62 50
ii		8	T. B. Pray, expense	9 25
12		ğ	A. J. Hutton, expense, service	8 <b>8</b> 5 t
18		10	J. E. Riordan, expense, service	23 70
14		18	W. J. Brier, expense, service	148 19
15		18	P. H. Hewitt, expense, service	45 42
16		18	T. B. Pray, expense, service	189 80
17		15	Mary D. Bradford, expense, service	26 49
18		19	F. Cleary, expense, service	80 72
19		20	F. Cleary, expense, service Cora L. Chamberlain, expense, service	45 17
20		20	Alice H. Shultes, expense, service	44 67
21		2)	A. J. Hutton, expense, service	139 60
22		25	E. J. Evans, concrete walk	400 00
28		25	Jos. Meighardt, building.	950 00
24		27	H. L. Terry, expense, service	168 78
25		29	D. Cameron, expanse, service	46 99
26	•	29	C R Showalter, expense, service	184 18
27		81	W. L. Morrison, expense, service	164 29
28		81	F. Cleary, expense, service	48 64
29		81	F. Pitts, grading	75 00
20		JI	T vanal Branews	,,,,,,,

80 81	Sept.	5	State of Wisconsin, book, paper case D. J. Gardner, pay roil, Platteville. J. W. Hume, pay roil, Oshkosh F. P. Ainsworth, pay roil, River Falls E. M. Johnson, pay roil, Whitewater Hicks Printing Co, printing Crandall Printing Co, printing E. D. Coe, printing Whitewater Lumber Co., fuel W. D. Parker, salary, secretary I. N. Stewart, expense, service W. J. Brier, expense, service A. W. Dassler, expense, service E. W. Walker, 'expense, service D. H. Schuler, expense, service C. H. Sylvester, expense, service A. J. Hutton, expense, service	\$175 200	00 70
88 21		5	J. W. Hume, pay roll, Oshkosh	-85	ő
88		5	F. P. Ainsworth, pay roll, River Falls	88	00 75 00
84 85		5	Hicks Printing (% printing	95 1 <b>23</b>	ᄣ
36		5	Crandall Printing Co., printing	69	50
87		5	E. D. Coe, printing	128	00
88 39		5 5	W.D. Parker salary secretary	150	95 00
40		5	1. N. Stewart, expense, service	69	85
41 42		5	W. J. Brier, expense, service	154 75	08 45
48		5	E. W. Walker, expense, service	142 78	86
44		5	D. H. Schuler, expense, service	78	22
45 46	Sept.	5	C. H. Sylvester, expense, service A J. Hutton, expense, service. T. B. Pray, expense, service. Jno. N. Foster, expense, service. Charlotte E. Richmond, expense, service. W. C. Hewitt, expense, service. A. A. Upham, expense, service. M. A. Upham, expense, service. M. H. Williams, expense, service. J. I. Jegl, expense, service. Mary D. Bradford, expense, service. W. C. Hewitt, expense, service. Mary J. Gillan, expense, service. E. C. Wisewall, expense, service. C. P. Sinnot, expense, service. M. P. Rindlaub, printing.	154 \$33	12
47 48	Dobe	5	T. B. Pray, expense, service	194	64
48		5	Jno. N. Foster, expense, service	194 88 80	39
49 50		5	W C Hewitt expense service	14	40
51		5	Geo. C. Shutts, expense, service	177	46
52 58		5	A. A. Upham, expense, service.	36 25	11
54		6	Mary D. Bradford, expense, service.	25	00 82 20
55 56 57		Ď	J. I. Jegi, expense, service	116	20
56		5	W. C. Hewitt, expense, service	67 88	09 8?
58		5	E. C. Wisewall, expense, service	46	85
59		5	C. P. Sinnot, expense, service	92 189	68
60 61		9	Rand, McNaily & Co. mans	108	96
62		ğ	B Goldsmith, pay roll, Milwaukee	62	50
68		14 14	Hicks Printing Co., printing	78 88	85 60
64 65		14	C. H. Chapman, expense, service.	168	06
65 66 67		14	O. E. Wells, ervice	48	00
67 68		16 16	M. McMahon, expense, service	719	00
69		16	F. W. Meisnest, expense service	102	04
70		16	G. S. Albee, book case	50	00
71 72		19 20	T. S. School Furniture Co. furniture	1,080 9H	48
73		21	J. W. Hume, pay roll, Oshkosh	2,557	50
74		21 27	F. P. Ainsworth, pay roll, River Falls	1,768 62	54 15
75 76		80	D. J. Gardner, pay rull. Platteville	1,918	85
77 78		80	E M Johnson, pay roll, Whitewater	2,120	œ
78 79	Oct.	1	W. D. Parker, salary, secretary	150 489	Sei
80		i	E D. Levings, papering, varnishing.	118	24
81		1	O. W. Newcomb & Co., furniture.	21	00 50
88 88		1	M. J. Cantwell printing	1× 88	80
84		ī	W. J Brier, expens.	26	20
85 86		1	C. H Chapman, expense.	11 11	
87		i	A J. Hutton, expense	- 1 <u>9</u>	88
88		1	T. B. Pray, expense.	4 500	75
90 90		8	H. M. Harmon repairs	1,769 155	02
91		5	Youelis & Avery, wail paper	59	<b>8</b> U
98		5 12	Postmaster at Madison, postage	61 <b>64</b>	
94		12	M. C. Pierce, repairs	12	50
£5		19	W & D. Meyer, cistern.	180	· 0u
96 97		17 21	J. V. Hume new roll Ochkoch	650 9,560	01
98		21	F. P. Ainsworth, pay roll, River Falls	1,787	27
99		21	E. M. Johnson, pay roll, Whitewater.	2,151	50
100 101		21 25	D. J. Gardner, pay roll. Platteville	117	00
104		25 26	Mary J Gillan, expense, service  E. C. Wisewali, expense, service  M. P. Rindiaub, printing  Rand, McNaily & Co. maps  B Goldsmith, pay roll, Milwaukee  Hicks Printing Co. printing  J. A. Henry, blackboards  C. H. Chapman, expense, service  O. E. Wells, ervice  M. McMahon, expense, service  M. McMahon, expense, service  B. Uhrig & Son, fuel  F. W. Meisnest, expense, service  G. S. Aibee, book case  P. L. Marden, curbing, grading, etc.  U. S. School Furniture Co., furniture.  J. W. Hume, pay roll, River Falls  A Van Valkenbergh, service  D. J Gardner, pay roll, River Falls  A Van Valkenbergh, service  D. J Gardner, pay roll, Platteville  E. M. Johnson, pay roll, Whitewater  W. D. Parker, salary, secretary  F. A. Thayer, reconstruction.  D. Levings, papering, varnishing.  O. W. Newcomb & Co., furniture.  Wis. Journal of Education, printing  M. J. Cantwell, printing  W. J. Brier, expense  W. C. Hewitt, expense  A. J. Hutton, expense  W. C. Hewitt, expense  B. Goldsmith, pay roll, Milwaukee  H. M. Harmon, repairs  Youells & Avery, wail paper  Postmaster at Madison, postage  L. Favour, apparatus  M. C. Pierce, repairs  W. & D. Weyer, cistern  J. V. Gardner, fuel  J. W. Hume, pay roll, Oshkosh  F. P. Alnsworth, pay roll, River Falls  E. M. Johnson, pay roll, Platteville  W. & D. Meyer, cistern  J. V. Briers, grading  Jos. Meinnard and others, building.  P. J. Marden & Brog grading  Jos. Meinnard and others, building.	1,904 1,769 188	ρÓ
103		26 26	W. & D Meyer, cirtern	188 90	Ou
104 105	Oct.	26	Jos. Meingard and others, building	\$725	00
100		21	M. I. Mardan & Rro grading	114	71

107	Nov.	1	W. D. Parker, salary, secretary.	\$150 00
108	2.0	2	J. W. Queen & Co, chemi als, etc.	105 34
109		5	Eimer & Amend, chemicals	124 25
110		5 11	W. C. Hewitt, expense, service	19 56 81 67
111 112		ii	Frank Taylor fuel	7 28
118		16	Democrat Printing Co., printing	58 81
114		16	A. F. North, expense	41 00
115 116		16 16	J. W. Hume, pay roll, Oshkosh	2,582 59 1,818 97
117		16	E. M. Johnson, pay roll, Whitewater	2,123 00
118		16	Badger Typewriter and Sta. Co., apparatus	129 90
119		23	Wyckoff, Seamens & Benedict, apparatus.	100 00
120 121		23 28	R Coldemith new roll Milwankee	82 37 1,774 50
122		23	D. J. Gardner, pay roll, Platteville	1,923 00
128		28	Wyckoff, Seamens & Benedict, apparatus	102 00
124		29	W. C Hewitt, expense, service	46 70 6 04
125 126		29 29	Mary D. Bredford expense	12 85
127		30	Sarah H. Miner, service	74 85
128	Dec.	1	W. D. Parker, salary, secretary	150 00
129 130		5 5	Educational Pub. Co., books	7 82 40 82
181		5	I. D. Harvey, expense, service	21 82
132		5	W. J. Brier, expense, service	80 89
188		?	Lizzie Hughes, expense, service	11 73
184 185		. 8 8	W. U. Hewitt, expense, service	38 45 10 00
186		18	W. C. Hewitt, expense, service	16 70
187		18	C. H. Chapman, expen e, service	58 87
138 180		18 13	T. B. Pray, expense, service	85 41 66 45
140		18	Jno. Martin regrading	127 80
141		18	H. Kleinhammer, building	508 00
148		18	H. B. Hubbell, expense	7 24
148 144		18 15	I W Hume nav roll Oshkosh	151 56 2,430 00
145		15	F. P. Ainsworth, pay roll, River Falls	1,887 27
146		15	E. M. Johnson, pay roll, Whitewater	2,185 00
147 148		20 21	U. Goldsmith, pay roll, Milwaukee	1,774 50 66 30
149		21	DesForges & Co., books	743
150		24	D. J. Gardner, pay roll, Platteville	1,921 50
151		24 24	Thos. Charles Co., stationery	78 60
158 153		24 24	Wisconsin Wagon Co. apparatus	15 00 20 13
154		29	Sarah H. Miner, service	60 95
155		29	E. D. Levings, papering	60 00
156 157		29 29	H. Martens, furniture	198 00 16 00
158	Jan.	2 2	J. E. Fawcett, apparatus	96 70
159		2	J. V. Gardner, fuel	882 50
160		2 2	W. D. Farker, salary, secretary J. W. Queen & Co., chemi als, etc. Elmer & Amend, chemicals W. C. Hewitt, expense, service C. H. Chapman, expense, service Frank Taylor, fuel Democrat Printing Co., printing. A. F. North, expense J. W. Hume, pay roll, Oahkoah F. P. Alnsworth, pay roll, Witer Falls. E. M. Johnson, pay roll, Witer Falls. E. M. Johnson, pay roll, Witewater Badger Typewriter and Sta. Co., apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Wyckoff, Seamens & Benedict, apparatus Uyckoff, Seamens & Benedict, apparatus Dyckoff, Seamens & Benedict, apparatus Dyckoff, Seamens & Benedict, apparatus Destroyes & Co., books D. J. Gardner, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service Uyckoff, Seamens, Service U	788 35 150 00
161 162		17	Aug. Greenhagen, fuel	1,270 (0
168		18	J. W. Hume, pay roll. Oshkosh	2,430 (0
164	Jan.	18	E. M. Johnson, pay roll, Whitewater.	\$2,147 00 1,765 84 1,774 50
165 166		19 24	R. Goldsmith, pay coll. Milwaukee.	1,774 50
167		25	D. J. Gardner, pay roll, Platteville	1,884 75
168		25	Sarah H. Miner, service	60700
169 170	Feb.	1	B. Goldsmith, local repairs, supplies	716 27 1,794 18
171		i	D. J. Gardner, local repairs, supplies.	1.005 43
172		1	F. P. Ainsworth, l. cal repairs, supplies	1,005 43 1,051 14
178		1 8	E. M. Johnson, local repairs, supplies	1,884 48 290 75
174 175		8	J. J. (fardner, expense, service	185 81
176		8	B. Goldsmith, expense, service	35 00 36 46
177		8	Ira A. Hill, expense, service	38 46
178 179		8 8	J. W. Huine, expense, service	39 50 38 12
180		8	B. B. Park, expense, service	26 76
181		8	L. D. Harvey, expense.	19 79
182 183		8	G. S. Albee, expense	4 40
109		5	D. McGregor, expense	-25 H

184	Feb.	8	J. Q. Emery, expense. A. Salisbury, expense. A. Salisbury, expense. W. D. Parker, salary, secretary T. B. Pray, service Binner Engraving Co., engraving Democrat Printing Co., printing. W. D. Parker, expressage W. D. Parker, expense. W. D. Parker, clerk hire. J. J. Mapel, expense. Michael Kirwan, expense, service City Treasurer of Oshkosh, special assessment. E. J. Evans, concrete walk Henry Kleinhammer, repairs. C. M. Sikes, supplies Eimer & Amend, chemicals, etc. W. D. Parker, reimbursement E. A. B rge, expense, visitor. Jno. Schneider, fuel A. J. Hutton, service Thos. Martin, fuel F. P. Alnsworth, pay roll, River Falls E. M. Johnson, pay roll, Whitewater J. W. Hume, pay roll, Oshkosh. J. V. Gardner, fuel D. J. Gardner, fuel A. W. Rankin, expense, visitor. Sarah H. Miner, service B. Goldsmith, pay roll, Milwaukee W. D. Parker, salary, secretary Mrs. L. R. Gott, expense, visitor.	\$18.25
165		š	A. Salisbury, expense	86 01
186		8	W. D. Parker, salary, secretary	150 00
187 188		8	Pinner Engraving Co engraving	28 00 11 80
189		8	Democrat Printing Co., printing	20 25
190		, š	W. D. Parker, expressage	17 56
191 1 <b>92</b>		8	W. D. Parker, expense	162 52
192 198		8	T T Manel expense	158 40 7 96
198 194		8	Michael Kirwan, expense, service	16 95
196		8	City Treasurer of Oshkosh, special assessment	845 26
196		8	E. J. Evans, concrete walk	95 <b>90</b> 75 77
197 198		8	C M Silves supplies	75 77 195 85
199		8	Eimer & Amend, chemicals, etc.	105 24
2000		8	W. D. Parker, reimbursement	458 58
201		11	E. A. Brge, expense, visitor	15 98 196 75
202 208		11 18	A T Hutton service	196 75 11 00
204		15	Thos. Martin, fuel	150 00
908	~	15	F. P. Ainsworth, pay roll, River Falls	1,908 58
206	)	15	E. M. Johnson, pay roll, Whitewater	2,128 00 2,547 50
207 208		15 18	J. V. Gardner, fuel	394 87
209		21	D. J. Gardner, pay roli, Platteville	1,896 50
210		223	J. Reyn ilds, fuel	272 50
211 212		22 25	A. W. Railkin, expense, Visitor	20 80 70 00
215		25	B. Goldsmith, pay roll, Milwaukee	1,774 50
2.4	Mar.	8	W. D. Parker, salary, secretary	150 00
215		15	Mrs. L. R. Gott, expense, visitor	24 70 23 60
216 217		15 15	I W Hume nev roll Oshkosh	2,553 50
318		15	F. P. Ainsworth, pay roll, River Falis	1,882 27 2,123 00
218 219		15	E. M. Johnson, pay roll, Whitewater	2,123 00
920 921		15 15	W. C. Hewitt, expense, service	19 85 83 25
922		15	D. J. Gardner, repairs	121 79
223	Mar.	16	J. W. Hume, repairs	\$16 90
294		18	J F. Sims, expense, service	40 87 1,774 50
225 225		21 21	D. J. Gardner new roll Platteville	1,899 50
227		ži	John Lawrence, fuel	67 81
228		21	The Western Bank Note Eng. Co., printing	45 00
229		21 23	Saran H. Miner, service W. D. Parker, salary, secretary Mrs. L. R. Gott, expense, visitor W. J. Brier, expense, service J. W. Hume, pay roll, Oshkosh. F. P. Ainsworth, pay roll, River Falis E. M. Johnson, pay roll, Whitewater W. C. Hewitt, expense, service Taylor Frys. expense, service D. J. Gardner, repairs J. W. Hume, repairs J. F. Sima, expense, service B. Goldsmith, pay roll, Milwaukee D. J. Gardner, psy roll, Platteville John Lawrence, fuel The Western Bank Note Eng. Co., printing Chas. H. Chapman, expense Des Forges & Co., reference books The Charles Baumbach Co., chemicals Clement, Williams & Co., furniture Jacob Johnson & Son, fuel Sarah H. Miner, service, etc.	48 85 79 29
280 281		28	The Charles Baumbach Co., chemicals.	80 49
282		28	Clement, Williams & Co., furniture	80 00
288		28 28	Jacob Johnson & Son, fuel	484 07 78 16
284 285		25 81	Phi Dugan renairs	208 17
286		81	James Jenson, repairs	105 75
287		81	Jacot Johnson & Son, itel Sarah H. Miner, service, etc. Phil Dugan, repairs James Jenson, repairs Eimer & Awend, chemicals W. D. Parker, s. lary, secretary W. L. Morrison, expense, service	5 01
288 289	Apr.	1	W. D. Pareer, 8 lary, secretary	250 <b>90</b>
240		â	A. J. Hutton, expense, service.	89 67
241		5	T. B. Pray, expense, service	105 75 5 01 150 90 87 79 89 67 80 28 85 90 82 9 65 36 30 675 20
242		5 6	John Schneider, fuel	85 90 go on
243 244			W. A Olmsted, apparatus	9 66
9.4K		7 7	D. O. Mahoney, expense, service	86 80
246 247		11	Whitewater Lumber Co., fuel	675 20
947 248		12 19	August Greenhagen, fuel	500 00 1,859 02
249		19	W. J. Brier. expense. service	101 86
250		19	E. M. Johnson, pay roll, Whitewater	2,182 00
251		19	J W Hume, pay roll, Oshkosh	2,522 50 38 30
952 253		923 923	W. U. newitt, expense, service	29 84 29 84
254		23	F. P. Aineworth, expenses, etc.	86 88
255		223	D. J. Gardner, expenses, etc	84 00
256		35	Ira A. Hill, expenses, etc	2,182 00 3,522 50 88 80 29 84 85 85 84 00 64 21 48 70 26 55
257 258		22 22	J. W. Dume, expenses, etc	86 81 84 00 64 21 48 70 96 51
259		22	B. B. Park, expenses, etc	79 79 17 00
960		25	W. L. Morrison, expense, service A. J. Hutton, expense, service T. B. Pray, expense, service T. B. Pray, expense, service T. B. Pray, expense, service W. A. C. Hewitt, expense, service W. A. Olmsted, apparatus D. O. Mahoney, expense, service Whitewater Lumber Co., fuel August Greenhagen, fuel F. P. Ainsworth, pay roll, River Falls W. J. Brier, expense, service E. M. Johnson, pay roll, Whitewater J. W. Hume, pay roll, Oakosh W. C. Hewitt, expense, service W. J. Brier, expense, service F. P. Ainsworth, expenses, etc D. J. Gardner, expenses, etc Ira A. Hill, expenses, etc J. W. Hume, expenses, etc Michael Kirwan, expenses, etc B. B. Park, expenses, etc B. Goldsmith, expenses E. M. Johnson, expenses E. M. Johnson, expenses	17 00
201		26	E, M. Jonnson, expenses	19 00

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268	Apr.	26	Des Forges & Co., reference books.  B. Uhrig & Son, fuel Sarah H. Miner, service, etc D. J. Gardner, pay roll, Platteville B. Goldsmith, pay roll, Milwaukee D. Appleion & Co., reference books Harrit C. Magee, expense, se vice. C. H. Chapman, expense, service. W. D. Parker, salary, secretary John Sohneider, ruel J. H. Hould, reference books Library Bureau, stationery The Evening Wisconsin Co., printing J. W. Hume, pay roll, Oshkoeh E. M. Johnson, pay roll, Wittewater F. P. Alnsworth, pay roll, River Falls D. J. Gardner, pay roll, Platteville. W. D. Parker, clerk service. B. Goldsmith, pay roll, Milwaukee. H. A. Simonds, expense, visitor I. N. Stewart, expense, visitor W. D. Parker, salary, secretary. Lutia E. Stearns, expense, visitor H. E. Robbins, expense, visitor J. W. Hume, pay roll, Oshkosh F. P. Ainsworth, pay roll, River Falls Mary D. Bradford, expense, visitor Mrs. L. R. Gott, expense, visitor J. N. Wilkinson, expense, visitor Mrs. L. R. Gott, expense, visitor Mrs. L. R. Gott, expense, visitor J. J. Gardwell, printing D. J. Gardner, pay roll, Platteville B. Goldsmith, pay roll, Milwaukee M. J. Cantwell, printing D. J. Gardner, pay roll, Wiltewater B. Uhrig & S. in, fuel M. J. Cantwell, printing D. J. Gardner, pay roll, Wiltewater B. Uhrig & S. in, fuel M. J. Cantwell, printing D. J. Gardner, pay roll, Milwaukee J. J. Rhauber Lithographin & Co., printing, Michael Kirwan, expenses, visitor J. K. L. Rolt, expense, visitor J. K. L. Bree, expense, visitor J. J. Rhauber Lithographin & Co., printing, Michael Kirwan, expense, visitor J. D. J. Gardner, pay roll, Wiltewater B. Goldsmith, pay roll, Milwaukee J. D. Parker, salary, secretary E. A. Birge, expense, visitor J. D. J. Gardner, pay roll, Platteville B. Goldsmith, pay roll, printing C. E. Patzer, expense, visitor J. D. Harver, expense, visitor J. D. Harver, expense, visitor J. D. Harver, expense, visitor J. D. Harver, expense, visitor J. D. Harver, expense, visitor J. D. Harver, expense, visitor J. D. Harver, expense, Fair exhibits J. W. Gerero, expense, Fa	\$18 21
263	-	26	B. Uhrig & Son, fuel	142 80
264		26 26	Barah H. Miner, service, etc	60 U0 1,892 50
265 266		26	B Goldsmith, pay roll. Milwaukee	1,774 50
267		26	D. Appleton & Co., reference books	6 65
268		28	Harrit C. Magee, expense, se vice	16 89
269	3/	29	C. H. Chapman, expense, service	24 58
270 271	May	1 8	John Schneider, fuel	150 00 98 44
272		ă	J. H. dould, reference books	20 00
278		15	Library Bureau, stationery	66 85
274		15	The Evening Wisconsin Co., printing	85 00
275 276		16 17	F. M. Johnson Day roll Whitewater	2, 467 00 2, 123 00
277		18	F. P. Ainsworth, pay roll, River Falls.	1.822 27
278		20	D. J. Gardner, pay roll, Platteville	1,892 50
279		20	W. D. Parker, clerk service	158 52
280		27 29	H. A Simonda expense visitor	1,774 50 17 55
291 282		29	I. N. Stewart, expense, visitor	13 60
283	June	8	W. D. Parker, salary, secretary	\$150 00
284		8	Lutia E. Stearns, expense, visitor	7 79
285 286		9 12	H. E. Robbins, expense	6 87 2,580 00
287		18	F. P. Ainsworth, pay roll, River Falls	1,981 16
298		12	Mary D. Bradford, expense, visitor	21 95
289		12	H. B. Hubbell, expense, visitor.	9 94
290 291		12 15	Mrs. L. R. Golt, expense, visitor	21 40 38 35
203		15	E. M. Johnson, pay roll, Whitewater.	2,129 00
298		19	B. Uhrig & Son, fuel.	71 40
294		19	M. J. Cantwell, printing	88 00
295 296		20 24	D. J. Gardner, pay roll, ristleville	1,892 50 1,774 50
297		24	J. Knauber Lithographing Co., printing.	27 50
298		29	Michael Kirwan, expenses	11 65
299	July	1	W. D. Parker, salary, secretary	150 00
800 801		5	E. A. Birge, expense, visitor.	7 99 81 20 19 00
905		7	W. H. Cheever, expenses	19 00
308		12	A. W. Rankin, expense, visitor	17 60
904 805		12 12	A. F. North, expense, visitor	48 00 19 04
806		12	T. k. Prav. expense. visitor	25 95
807		12	John F. Burke, expense, visitor	5 54
309		12	C. E. Patzer, expense, visitor	82 55 80 85
809 810		12 14	W D Parker evange stationery printing	80 00 880 67
811		15	B. Goldsmith, repairs, supplies	869 73
818		15	J. W Hume, repairs, suppli s	1,900 80
818		15	D. J. Gardner, repairs, supplies	1,021 83 849 01
814 815		15 15	F. M. Johnson reneirs supplies	949 01 1.465 41
816		85 .	F. P. Ainsworth, expense service.	285 63
817		22	D. J. Gardner. expense, service.	299 : 6
818 319		22 22	B. Goldsmith, expenses	63 00 139 14
880		22	Jno W Hume, expense, service	162 57
821		22	Michael Kirwan, expenses	24 64
853		22	B. B Park, expense, service	200 73
828 824		22 22	G. D. Albre expenses	21 16 66 45
825		22	D. McGregor, expenses	44 06
816		22	A Salisbury, expenses	16 70
327 828		35	R. M. Hashford, service as attorney	160 (0
829 829		22 23	I. D. Harvey expense Fair exhibits	7 50 187 02
380		22	G. S. Albee, expense, Fair exhibits	173 20
881		22	D. McGregor, expense, Fair exhibits	160 44
832		22	J. Q. Emery, expense, Fair exhibits	217 70
888 334		<b>22</b>	A. Salisbury, expense, rair exhibits	906 31 127 73
835		22	A. Salisbury, writing Normal history	50 00
836		22	W. D. Parker, expense, Fair exhibits	22 13
887 838		22 22	J. W Stearns, expense, Visitor	97 25 80 00
000		A.E	Contact met out, carra set 100, legitor.	<del></del>
т	'otal W	70 rrs	ints Tuly 16 1809 to Tuly 99 1803	45,990 16

# CLASSIFIED EXPENDITURES FOR THE YEAR ENDING JULY 22, 1893.

FOR THE SCHOOLS.	MILWAUKEE	овнковн.	PLATTE- VILLE.	RIVER FALLS	WHITE- WATER.	TOTALS.
Apparatus Bulding, Fuel and Light Furniture Miscellaneous Printing. Reference Books Repairs Salaries Stationery Text-Books Totals	1,690 81 208 55 313 93 128 86 18,184 03 286 11 365 95			22 21 991 78 199 83 6-9 53 248 20 104 45 929 95 18,759 43 295 60 717 86	\$4?0 51 0 00 2,174 24 26 65 1,163 79 852 60 203 77 785 84 21,489 00 424 08 769 89	\$1,679 36 2,234 60 8,258 30 715 69 6,091 84 1,446 69 1,063 57 5,529 01 103,154 64 1,500 41 3,640 10
For the expenses of Postage, printing, a Total	f the Board, stationery as institutes, ex	nd incidenta	s and Secre	tary	\$2,818 24 \$2,010 47 2,908 00	\$5,718 94
	***					1
Total		<i></i>				\$4,967.90

Note.—The salaries at schools bear an aggregate of \$944.00 that should be deducted, leaving the total cost of schools \$134, 364 97. The same amount should be added to the salaries of conductors of in-titutes, making them equal, \$3,832.00, and making the total cost of institutes, \$5,911.95.

The following is a complete list of warrants drawn by the Board upon its Treasurer during year closing July 28th, '94.

	1893.			
1 2	July	29	John W. Hume, pay roll, Oshkosh	\$ 85 00
3		29	D. J. dardner, pay roll, Piatteville	90 00
8		29	F. P. Alosworth, pay roll, River Falls  E. M. Johnson, pay roll, Whitewater	108 02 119 00
4	Aug.	29 8	W. D. Parker, secretary's salary. Board	150 00
5 6 7 8	July		R G Roome expense. River Fails	11 50
7	Aug.	7	R. G. Boone, expense, River Falls C. G. Knowles, chimney, River Falls	485 00
8		ġ	B. Goldsmith, pay roll, Milwaukes	99 50
9		7	A W Anderson Institute	80 00
10		11	A. J. Hutton, Institute	66 15
11		11	A. J. Hutton, Institute T. A. Pray, Institute Whitewater Lumber Co., coa!, Whitewater	78 42
12		11	Whitewater Lumber Co., coa!, Whitewater	994 50 786 90
18 14		12 12	Jno. Schneider. coal, Whitewater W. C. Hewitt, Institute	74 25
15		12	L. D. Harvey, Iostitute	106 36
16		19	C. P. Sinnott, Institute	91 76
17		19	L. H. Clark, Institute	52 22
18		19	I) h' Cameron Institute	79 05
19		19	H. A. Simondy, Institute F. P. Ainsworth, pay roll, River Falls G. C. Shutts, Institute Mrs. M. D. Bradford, Institute.	64 18
20		19	F. P. Ainsworth, pay roll, River Falls	95 27
21		19	G. C. Shutts, Institute	70 79 20 00
22 23		19 19	Mrs. M. U. Diadlord, Histitute	52 89
24		19	Smeed Warm & Vent Co renairs Whitewater	125 00
25		19	G. W. Sperbeck, painting, Whitewater	147 19
25 26		19	J. E. Riordan, Institute Smead Warm & Vent. Co., repairs, Whitewater G. W. Sperbeck, painting, Whitewater E. Bonnet & Son, repairs, Whitewater	13 68
27		19	T H. Goodnue, repairs, waitewater	108 52
27 28 29 80		23	B. Uhrig & Son, coal, Milwaukee	631 77
29		22	P. H. Hewitt, Institute J. W. Livingston, Iustitute J. A. James, Institute	98 96
		24 24	J. W. Livingston, Institute	187 81 85 55
81 89		24 24	J. A. James, Institute C. P. Sinn st, Institute	80 86
88		24	H. M Older, Institute	27 25
84		24	F. T. Oldt. Institute	65 50
38		26	F. T. Oldt, Institute L. D. Harvey, Institute	66 15
86		26		86 08
87		28	C. L. Showalter, Institute	178 05
88 39		26 28	C. L. Showalter, Institute H. L. Terry, Institute T. Frye, Institute W. C. Hewitt, institute	104 98 73 45
40		28 28	W O Florett inetitute	185 85
41		28	C D KIND INSTITUTA	35 73
49		23	T R Pray Institute	184 15
48		28		28 00
44		28	F. S. Ide-on, roome, Ushkosh	813 88
45		80	E. M. Johnson, Day Foll, Whitewater	104 Q ₀ 185 00
46		80 80	John W. Hume, pay roll, Oshkosh	185 00
47 48		80	D O Mehoney Institute	43 55 48 70
49		80	I. Wa hourn Institute	66 60
50		80	John W. Hunne, pay roll, Oshkosh.  L. H. Clark, Institute D. O. Mahoney, Institute L. Wa hourn, Institute C. J. Brewer, Institute J. M. Goodrich, Institute W. D. Parker, secretary's salary, Board A. I. Hutton, Institute W. J. Brier, Institute S. S. Packgroud   Institute	23 50
51		80	J. M. Goodrich, Institute	23 00
52		31	W. D. Parker, secretary's salary, Board	150 00
63		81	A. I. Hutton, Institute	160 65
54	Sept.	ž	S. S. Rockwood, Institute	30% 71 57 62
55 56		3	T F Sime Institute	81 14
57		2	B. Godsmith, pay roll, Milwaukee.  D. J. Gardner, pay roll, Platteville.	47 56
58		2	B. Gordsmith, pay roll, Milwaukee	112 50
59		2	D. J. Gardner, pay roll, Platteville	190 00
60		2	A Greenhaven wood Usakowa	1,000 0
61		2	E Patzer, Institute W. J. Pollock, Institute	13 5
62		2	I. M. Stewart, Institute,	98 23 40 90
63 64		2	I. M. Stewart. Institute, M. J. Cantwell, printing, Board H. B. Hobbins, Insurance, Platteville.	75 45
65		7	H. B Hobbins, Insurance, Platteville	200 00
66		ż		68 13
67		7	D. McGregor, Institute	29 30
68		7	D. McGregor, Institute F. W. M. Isnest, Institute. C. E. Richmond, Institute.	86 78
69		7	C. E Richmond, Institute	190 68

70 71	Sept.	7	J. E. Riordan, Institute E. C. Wiswall, Institute F. P. An sworth, expense, Board D. J. Gardner, expense, Board D. J. Gardner, expense, Board B. Go damith, expense, Board John W. Hume, expense, Board E. M. Johnson, expense, Board E. M. Johnson, expense, Board E. M. Johnson, expense, Board E. M. Johnson, expense, Board B. B. Park, expense, Board B. B. Park, expense, Board B. B. Park, expense, Board B. B. Park, expense, Institute C. E. Wells, expense, Institute E. M. Bashford attorne 's service, Stevens Point J. A. Henry, repairs, Platteville B. B. Spencer, repairs, Platteville J. E. Fawcett, repairs, Platteville J. E. Fawcett, repairs, Platteville J. E. Fawcett, repairs, Platteville J. C. Gardner, wood, Platt-ville J. P. Haire, books, Platteville Sarah H. Miner, service, Platteville Sarah H. Miner, service, Platteville C. D. Kipp, Institute C. D. Kipp, Institute C. D. Simont, Institute C. D. Simont, Institute C. D. Simont, Institute C. D. Harvey, Institute H. Severin, Institute A. J. Hutton, Institute A. J. Hutton, Institute T. B. Pray, Institute H. Kleinbaruner, repairs, Platteville U. S. School Furn Co., desks, Whitewater W. C. Hewitt, Institute John W. Hume, pay roll, Oshkosh D. J. Gardner, pay roll, Platteville E. M. Johnson, pay roll, Whitewater Shattuck & Histop, Hiver, Superior. A. Greenhagen, wood, Oshkosh D. J. Gardner, pay roll, Platteville R. T. Verran, repair, Platteville R. T. Verran, repair, Platteville R. T. Verran, repair, Platteville R. T. Verran, repair, Platteville R. T. Verran, separtus, Platteville R. T. Verran, repair, Platteville R. A. Gassulding & Bro, apparatus, Platteville R. T. Verran, repair, Platteville R. A. Hasser, chimmey, River Falls B. Geldsmith, pay roll, Mi'ewakee C. G. Knewles, chimney, River Falls B. Ghlosmith, pay roll, Mi'ewakee C. G. Knewles, chimney, River Falls W. D. Parker, secretary's salary, Board W. J. Brier, Institute B. A. Tasayer, chimney, River Falls W. D. Parker, secretary's salary, Board W. J. Brier, Pay Roll Platteville Weber & Faber, building, Stevens Point	\$101 15 189 88
72		ġ	F. P. A nsworth, expense, Board	68 87
78		9	D. J. Gardner, expense, Board	15 80
74 75		9	I A Hill expense Roard	8 86 50 3
76		9	John W. Hume, expense, Board	x8 50
77		9	E. M. Johnson, expense, B ard	24 00
78		9	M. Kirwan, expense, Board	8 00 38 8
79 80		ş	W. D. Parker, expense, etc., Institute	141 87
81		9	O. E. Wells, expense, Institute	86 0
82		9	R. M. Bashford, attorney's service, Stevens Point	10 00 190 8
88 84		9	S. R. Snencer, renaire Platteville	165 00
86		9	J. E. Fawcett, repairs, Platteville	888 5
86		9	Pitta Bros, repairs, Platteville	7 64 487 50
87 88		9	J. V. Gardner, Wood, Platt-Ville	487 50 60 0
89		ő	Sarah H. Miner, rervice, Platteville	70 0
90 91		9	W. L. Morrison, Institute	88 4
91 92		9	C. D Kipp, Institute	88 60 114 81
200		11	H. Severin. Institute	71 4
98 94		18	L. D. Harvey, Institute	48 8
95		18	A. J. Hutton, Institute	185 7 88 0
96 97		18 18	T. R. Pray Institute	151 4
98		18	H. Kleinhaumer, repairs, Platteville	- 238 7
99		18	U. S. School Furn Co., desks, Whitewater	92 5
100 101		18 22	W. C. Hewitt, Institute	188 4 2.695 0
103		<u> </u>	D. J. Gardner, pay roll. Platteville	2,695 0 1,781 0
108		22	E. M Johnson, pay roli, Whitewater	2,058 0
104		28 26	Shattuck & Hisiop, livery, Superior	295 0
105 106		26	A. G. Spaulding & Bro. apparatus Platteville	230 U
107		26	Pitts Bros. apparatus, Platteville	7 8
108		26	H. Martin, apparatus, Piatteville	60 0
109 110		26 27	W. J. Rrier Institute	2 0 54 8
111		27	F. P. Ainsworth, pay roil, River Falls	1,858 5
119		27	B. Goldsmith, pay roll, Milwaukee	1,887 5
118		28 28	U. G. Knowles, chimney, River Falls	48 2 60 9
115		28	A. W. Lund, chimney. River Falls	20
116		28	F. A. Thaver, chimney, River Falls	2 7
117 118	Oct.	.1	W. D. Parker, secretary's salary, Board	150 0 79 6
119		11 11	Sarah H Miner, service, Platteville	60 0
120		11	H. B. Hubbell, expense visitor, Whitewater	12 5
191 122		18	Weber & Faber building, Oshko h	5,000 0 23 7
128		16 19	John W. Hume, pay roll, Ostikosh	2,785 0
194		19	E. M Johnson, pay roll, Whitewater	2,146 0
125		20	D J Gardner, pay roll. Platteville	1,400 0 80 0
126 127		28 23	W. D. Parker, building, Stevens Point.	80 U
198		25	B. Uhrly & Son, co.1, Milwaukee	81 8
129		26	Weber & Faber, building, O hkosh	1,600 0
180 181		26 80	R Goldand h nav roll Missaukaa	16 5 1,887 5
182		30	F. P. Alpsworth, pay roll, River Falls	1,850 0
183		80	U. S. School Furniture C., desks, Platteville	74 6
134 185		80 80	U. S. School Furniture Co., deske, Milwaukee	126 5 6 3
136		80	Wittig Plumbing Co., repairs, Milwankee	86 4
187	Nov.	1	w. D Parker, recretary's salary, Board	150 0
138		1	M S Frawley, expense, vis tor, Milwaukee	22 9
189 140		9	Sarah H. Miner, service, Plattevilla	25 6 60 0
141		ş	Weber & Faser, building, Oshkosh	8,500
148		.9	Perkins & Selby, building, Stevens Point	1,789 6
148 144		18 18	Morriston, Piutimer & Co. appiratus, Platteville	84 0 80 2
145		14	J. Gaffron, expense, visitor River Falls E. M. Johnson, pa. roll, Whitewater John W. Hume, bay roll, Oshkosh	2,146 0
146	i	17	John W. Hume, pay roll, Oshkosh	2 686 0

			D. J. Gardner, pay roll, Platteville W. C. Hewitt, Institute D. D. Mayne, expense, visitor, Platteville W. J. Brier, Institute L. D. Harvey, Institute L. D. Harvey, Institute B. Goldsmith, pay roll, Milwaukee F. P. Ainsworth, pay roll, River Falls L. H. Clark, Institute R. A. Moore, expense, visitor, Oshkosh W. H. Cheever, Institute G. G. Williams, expense, visitor, River Falls. M. J. Cantwell, printing, Board W. D. Parker, secretary's salary, Board J. V. Gardner, wood, Platteville Painting Relief Com., painting, Miwaukee A. J. Velland, expense, visitor, Platteville John W. Hume, pay roll, Oshkosh E. M. Johnson, pay roll, Whitewater M. J. Guernsey, insurance, Patteville W. H. Cheever, Institute W. C. Hewitt, Institute W. C. Hewitt, Institute W. C. Hewitt, Institute D. Gardner, pay roll, Milwaukee D. J. Gardner, pay roll, Platteville F. P. Ainsworth, pay roll, River Falls A. J. Hutton, Institute T. B. Pray, Institute T. B. Pray, Institute J. H. Evans, insurance, Platteville J. H. Evans, insurance, Platteville J. H. Evans, insurance, Platteville J. H. Evans, insurance, Platteville J. M. O. Parker, secretary's salary, Board	
147 148	Nov.	17 17	D. J. Gardner, pay roll, Platteville	\$1,890 00 154 05
149		17	D. D. Mayne, expense, visitor, Platteville	11 84
150		28	W. J. Brier, Institute	61 78
151 152		23 28	B. Goldsmith new roll Milwaukee	11 (0 1,876 50
158		28	F. P. Ainsworth, pay roll, River Falls.	1,875 50
154		28	L. H. Clark, Institute	18 15
155 156		25 25	W. C. Hewitt, Institute	206 35
157		29	W. H. Cheever, Institute	17 83 20 00
158		29	G. G. Williams, expense, visitor, River Falls.	19 21
159	Doo	29	M. J. Cantwell, printing, Board	8 75 150 00
160 161	Dec.	2	J. V. Gardner, wood. Platteville.	596 50
162		4	Painting Relief Com., painting, Milwaukee	29 45
168	•	.4	A. J. Velland, expense, visitor, Platteville.	17 90
164 165		11 14	E. M. Johnson, pay roll, Ushkosh	2,691 00 2,124 00
166		14	M. J. Guernsey, insurance, Platteville	87 50
167		14	W. H. Cheever, Institute.	28 30
168 169		14 14	W C Hawitt Institute	12 41 68 57
170	,	14	Bausch & Loinb Optical Co, apparatus, Milwaukee	<b>350</b> 00
171		18	Sarah H. Miner, expense, service, Platteville.	90 00
172 178		2¥ 22	D. I Gardner pay roll, Milwaukee	1,878 50 1,879 00
174		22	F. P. Ainsworth, pay roli, River Falls	1,505 00
175		22	A. J. Hutton, Institute	40 90
176 177		22 22	T. B. Pray, Institute	60 ST
178		22	McKinzie & Crawtord, coal, Oshkosh.	60 87 253 94 116 77
179		28	Mrs. M. D. Bradford, Institute.	19 02
180 181		26 27	J. H. Evans, insurance, Platteville	48 75 8 84
182		27	D. McGregor, apparatus, etc. Platteville	114 21
188		29	R. B. Dudgeon, expense, Platteville	8 00
184	1894.		W. D. Dankon coomstannia colony Decard	120.00
185	Jan.	2	W. C. Hewitt, expense, River Falls.	150 00 86 18
146		õ	J. H. Evens, insurance, Platteville	48 78
187 188		5 8	W. A. Olmsted, apparatus, Platteville	286 24 500 00
189		11	J. L. Prentice, surveying, Stevens Point	10 00
190		11	E. Bonnett & Son, building, Stevens Point	2,877 88
191 192		17	Joe Pechacek, wood, River Falis	<b>25</b> 00
198		16 19	Weber & Faber, building, Oshkosh.	69% 50 1,500 00
194		20	D. J. Gardner, pay roll, Platteville	1,890 00
198		20	F. P Ainsworth, pay roll, River Falls	1,905 00
196 197		22 25	R Goldsmith nev roll Milwaukee	9,758 75 1,955 50
198		25 81	E. M. Johnson, pay roll, Whitewater	2, 159 50
199		81	C. L. Rollins, wood, River Falls	187 50
200 201	Feb.	81 1	W. D. Parker segreture's salary Roard	10 00 150 00
202	reo.	8	R. M. Bashford, fee, Stevens Point	5 00
208		8	Taylor & Gleason, printing, Board	4 75
204 205		8	W. H. Telegraph Co., telegraphing Roard, etc.	10 90 11 65
206		8	G. W. Chinnock, wood, River Falls	68 63
207		7	B. Goldsmith, repairs, supplies, Milwaukee	794 60
208 209		7 7 7	John W. Hume, repairs, supplies, Ushkosh	794 60 1,869 77 1,077 66
210		8	F. P Amsworth, repairs, supplies, River Falls	600 70
211		8 7 8 8 8 8	D. McGregor, apparatus, etc., Platteville.  R. B. Dudgeon, expense, Platteville.  W. D. Parker, secretary's salary, Board.  W. C. Hewitt, expense, River Falls.  J. H. Evens, insurance, Platteville.  W. A. Olmsted, apparatus, Platteville.  W. A. Olmsted, apparatus, Platteville.  W. Waters, architect fee, Oshkosh.  J. L. Prentice, surveying, Stevens Point.  E. Bonnett & Son, building, Stevens Point.  Joe Pechacek, wood, River Falls.  J. V. Gardner, pood, Platteville.  Weber & Faber, building, Oshkosh.  D. J. Gardner, pay roll, River Falls.  John W. Hume, pay roll, River Falls.  John W. Hume, pay roll, Whitewater.  C. L. Rollins, wood, River Falls.  G. Grimm, stationery, Board.  W. D. Parker, secretary's salsry, Board.  R. M. Bashford, fee, Stevens Point.  Taylor & Gleason, printing, Board.  H. B. Lodd, expressage, Board, etc.  W. U. Telegraph Co, telegraphing, Board.  H. B. Codd, expressage, Board, etc.  G. W. Chinnock, wood, River Falls.  B. Goldsmith, repairs, supplies, Milwaukee.  John W. Hume, repairs, supplies, Platteville.  F. P. Answorth, repairs, supplies, River Falls.  E. M. Johnson, repairs, supplies, River Falls.  E. M. Johnson, expense, Board.  D. J. Gardner, expense, service, Board.  D. J. Gardner, expense, service, Board.  D. J. Gardner, expense, service, Board.  D. J. Gardner, expense, service, Board.  D. J. Gardner, expense, service, Board.  M. Kirwan, expense, service, Board.  M. Kirwan, expense, service, Board.  M. Kirwan, expense, service, Board.  M. D. Parker, expense, reimbursement, Board.  Geo.'ge E. Bryant, Dostage, Board.  F. M. Hall, clerk service, Board.	1,153 78
212 218		ğ	P. P. Ainsworth, expense, Board	98 34 \$185 10
214		8	B. Goldsmith, expense, Board	7 00
215		8	Ira A. Hill, expense, service, Board	86 16
216 217		8	JOHN W. Hume, expense, service, Board	191 46 56 10
218		8	M. Kirwan, expense, Board.	9 30
219		8	B. B. Park, expense, service, Board	80 96
220 221		8	W. D. Parker, expense, reimbursement, Board	167 42 <b>66</b> 64
222		8	F. M. Hall, clerk service, Board	49 49
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228	Feb.	8	J. Johnson & Son, wood, River Falls A. Salisbury, expense, Whitewater Tracy, Glob- & Co., printing, Whitewater A. J. Volland, visitor, Platteville. John L-wenne, fuel, River Falls E. H. Currier, fuel, River Falls X. V. Reynolds, fuel, River Falls Aug Greenhagen, fuel, O hkosh L. D. Harvey, pay roll, Milwankee John W Hume, pay roll, Milwankee John W Hume, pay roll, Platteville F. P. Alnsworth, pay roll, River Falls E. M. Johnson, pay roll, River Falls E. M. Johnson, pay roll, Whitewater E. Bonnett & Son, building, Stevens Point W. D. Parker, Board Cook & Brown Lime Co., fuel, Oshkosh E. Bonnett & Son, building, Stevens Point E. A. Birge, visitor, Oshk sh	\$228	88
£ 294	200.	Ř	A. Salisbury, expense. Whitewater	<b>11</b>	25
225		Š	Tracy, Giob. & Co., princing, Whitewater	167	00
226		18	A. J. Volland, visitor, Platteville	8	89
2027		18	John Lawrence, fuel. River rails		88
228		16	E. H. Currier, fuel, River Falls	161	. 00
229		16	X. V. Reynolds, fuel, River Fails	188	
280		21	Aug Greenhagen, fuel, O hkosh	265	-00
231		21	L D. Harvey, pay roll, Milwankee	1,967	50
· 232		21	John W Hume, pay roll, Oshkosh	1,967 2,750	00
288		21	D. J. Gardner, pay roll, Plutteville		
234		23	F. r. Ainsworth, pay roll, River Falls	1,770 2,146	00
285		23	E M Johnson, pay roll, Whitewater	2, 146	00
≥86		28	E. Bonnett & Son. building, Stevens Point	A. 101	~~
287	Mar.	1	W. D. Parker, Board	150	00
233		y	Cook & Brown Lime Co., fuel, Oshkosh	15	00
289		19	E. Bonnett & Son, building, Stevens Point	8,069	40
240		19	E. A. Birge, visitor, Oshkish		85
241		19	H. A. Simond , visitor, Oshkosh		67
242		19	Taylor Frye, Institutes	20	00
<b>248</b>		19	A. J. Hutton, in titutes	162	
244		20	E. A. Birge, visitor, Oshkish H. A. Simondi, visitor, Oshkosh Ta, lor Frye, institutes A. J. Hutton, in titutes L. D. Harrey, Institutes TR Breat Institutes		40
245		20	T. B PTSy, Institutes		21
246		20	L. U. marvey, pay r II, milwaukee	1,908	, ou
247		20	John W. Hume, pay roll, Clarkosh	3,717	, 20
248		20	I. D Harrey, Institutes T. B Pray, Institutes L. D. Harrey, poy r ll. Milwaukee John W. Hume, pay roil, Oakkosh D. J. Gardner, pay roil, Plattevinle F. P. Ainsworth, pay roil, River Falls E. M Johnson, pay roil, Whitewater Tracy, Gibba & Co., Board, printing D. J. Goodwin, clerk, Board W. H. Cheever, Institutes Western Bans Note & Engraving Co., printing, Board W. D. Parker, salary, Board	2,717 1,747 1,786	
949 950		×20	F. P. Alusworth, pay roll, River rails	1,100	. 00
250 251		20 26	Trees Cibbs & C. Roard principe	2,025	85
2653		26	D. I. Goodwin close Doesd		68
258		20 26	W H Change Instituted		00
264		81	Wanton Bone But a Kamerine (b. printing Board		00
255	A war	2	W D Darker salary Roard		00
256	Apr.	ŝ	THE ST. ST. I. LAND MALE AND STREET AND ADDRESS OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PA	116	49
267		5	Ed McLoughlin Institutes	ŝ	20
258		5	W H Cheever Institutes	N	4
259		ğ	F E Hamlin institutes	2	3 40 5 00
200		ğ	W C. Hewitz, Institutes	180	25
261		ğ	H. B. Hudoen, visitor, whitewater Ed. McLoughlin, Institutes W. H. Cheever, Institutes F. E. Hamiln, lostitutes W. C. Hewitt, Institutes L. D. Harmon & Son, insurance, Oshkosh G. I. Luscher, insurance, Oshkosh Uhriz & Son fuel Milwankes		00
261		ğ	G. I. Luncher, insurance, Oshkosh		Ó
263		9	Uhrig & Son, fuel, Milwaukee	55	3 80
261		ğ	Uhrig & Son, fu-l, Milwaukee  J. W. Brier, Institutes  J. F. Syms, Institutes,	219	Ö
265		ğ	J. F. Syms, Institutes		95
266		11	T. B. Pray, Institutes.	151	41
267		11	J. F. Sims, Iostitutes, T. B. Pray, Institutes, McKuzie & Crawford, fuel, Oshkosh Shattuck & Hislop, livery, Board. The Euclid Fotel, Superior.	117	95
268		18	Shattuck & Hislop, livery, Board.		7 00
269		,8	The Euclid hotel, Superior  E Bonnett & Son, builling, Stevens Point	1	5 75
270		21		5,58	8 8
271		18	L. D Harvey, expense, Board	1	18
272		18	L. D. Harvey, expense, Board. G. S. Albee, expense, Board D. McGregor, expense, Board John Hull, expense, Board A. Salisbury, expense, Board F. P. Ainsworth, expense, service, Board D. J. Gardner, expense, service, Board	80	O 96
278		13	D. McGregor, expense, Board	1	1 50
274		18	John Hull, expense, Board	84	8 7 47
275		18	A Salisbury, expense, Board		8 7
276		18	F. P Ainsworth, expense, service, Board	4	. 4
277		18	D. J. Gardner, expense, service, Board	14	1 80
278		18	Ira A. Hill, expense, Board		8 70
279		18	D. J. Gardner, expense, service, Board Ira A. Hill, expense, Board. John W. Hume, expense, service, Board E. M. Johnson, expense, service, Board Michael Kirwan, expense, Board A. J. Volland, visitor, Platteville A. J. Hutton, Institute John W. Hume, pay roll, Oshkosh D. I. Gardner, nay roll, Platteville	12	1 64
280		13	E. M. Johnson, expense, service, Board		98. 97
281 282		18	Michael Kirwan, expense, Board	1	4 (
283		17	A. J. Volland, Visitor, Platteville	14	6 94 1 8
283 284		21 21	A. J. Hutton, institute	2,71	7 0
285 285		23	D. I. Candrum pay roll, Clattorillo	1,81	éχ
286 286		23	F. D. Aingworth, pay roll, Platteville	1,91	0 5
257		28	F. F. Allisworth, pay roll, River Falls	1,01	1 2
288		28	F. M. Johnson, pay roll Whitewater	1,94 10	ຄິດ
289		24	C C Shutte Institutee	9	4 9
290	May	24	W I Turner nev roll Mi wankee'	1.94	7 8
291	maj	2	W D Perker galary Roard	1,96 15 2	'nÃ
293		1Ĩ	W C Hawitt Institutes	20	ĕĸ
208		12	Cook & Brown Lime Co., fuel Oshkosh	ĩ	ธัก
294		16	John W. Hume, pay roll, Oshkosh D. J. Gardner, pay roll, Platteville F. P. Ainsworth, pay roll, River Falls. E. M. Johnson, pay rol, Whitewater G. C. Shutts, Institutes W. J. Turner, pay roll, Mi waukee W. D. Parker, salary, Board W. C. Hewitt, Institutes Cook & Brown Lime Co, fuel, Oshkosh W. C. Hewitt, visitor, River Falls Alfred Scarlett, livery, Board R. M. Bashford, fees, Superior B. Uhrig & Son, fuel, Milwaukee W. J. Turner, pay roll Oliver E. Wells, service, Institutes, atc	2	76
295	-	17	Alfred Scarlett, livery, Board	ĩ	έŏ
206		17	R. M. Bashford, fees, Superior	i	ŏŏ
397		17	B. Uhrig & Son, fuel, Milwaukee.	ŝ	88
298		17	W. J. Turner, pay roll	1,96	
400		17	Oliver R Wells service Institutes etc	4	5 0

00 M.	Ŋ	28	John W. Hume, pay roll	\$2,750
01	•	23	John W. Hume, pay roll. D. J. Gardner, pay roll. F. P. Ainsworth, pay roll. E. M. Johnson, pay roll. G. G. Williams, visitor, River Falls W. D. Parker, salary, Board C. E. Patzer, Institutes. The City of Superior (Wis.), return of gift. E. Bonuett & Son, building, Stevens Point. W. D. Kimball, architect, service, Milwaukee. Otto (Aafron, visitor, River Falls	1,890
02		28	F. P. Ainsworth, pay roll	1,905
08		23 23	E. M. Johnson, pay roll	2, 146 23
04 05 Ju	70	20	W D Parker select Roard	150
06	шо	4	C. E. Patzer Institutes	16
07		4	The City of Superior (Wis.), return of gift	65,000
08		4	E. Bonnett & Son, building, Stevens Point	4,126
09		9	W. D. Kimbali, architect, service, Milwaukee	100
10			W. J. Almost, architect, service, shiwatkee.  Otto Gaffron, visitor, River Falls  W. J. Turner, pay roll  Jno. W. Hume, pay roll.  D. J. Gardner, pay roll.  F. P. Ainsworth, pay roll.  E. M. Johnson, pay roll.  E. M. Johnson, pay roll.  E. B. Dudgeon, visitor, Plattaville.	
11		18	W. J. Turner, pay roll	1,97
2		18	Jno. w. Hume, pay roll	2,750 1,890
8		18 18	F P Aingmorth negroll	1,905
14 15		18	F. M. Johnson new roll	2,095
16		18	R B Dudgeon visitor Platteville	10
i7		18	R. B. Dudgeon, visitor, Platteville  J. L. Prentice, service, Stevens Point	
iš		18	T. B. Pray, pay roll, Stevens Point	165
19		29	E. Bonnett & Son, building, Stevens Point	5,063
90 1		29	F. P. Ainsworth, Board	181
21		29	G. S. Albee, expense, Oshkosh	. 9
2		29 29	R. M. Basnford, fee, Board	150 90
13 14		29 29	Tohn W. Huma Amongo garrico Poard	81
5		29	Michael Kirwan avnance Roard	17
<u>~</u>		29	J. L. Prentice, service. Stevens Point. T. B. Pray, pay roll, Stevens Point. E. Bonnett & Son, building, Stevens Point. F. P. Ainsworth, Board. G. S. Albee, expense, Oshkosh. R. M. Basnford, fee, Board. Ira A. Hill, expense, service, Board. John W. Hume, expense, service, Board. Michael Kirwan, expense, Board. P. L. Marden & Bro, a-phalt walks, Oshkosh. Byron B. Park, expense, Board.	96
ñ		20	Byron B. Park, expense, Board	Ĝ
8		29	A. Salisbury, expense, Whitewater	61
19		29 29	W J. Turner, expense, Board	10
0 _		29	Oliver E. Wells, expense, Board	21
ı Ju	цу	<b>2</b> 8	W. D. Parker, salary, board	150
12 18		8	Albert Hardy wiston Milwankee	4
4		8	Ino Nagle visitor Mil saukee	18
5		8	Byron B. Park, expense, Board A. Salisbury, expense, Whitewater W. J. Turner, expense, Board Oliver E. Wells, expense, Board M. D. Parker, salary, board M. S. Frawley, visitor, Milwankee Albert Hardy, visitor, Milwankee Jno. Nagle, visitor, Milwankee Jno. Nagle, visitor, Milwankee Gook & Faber, building, Oshkosh Cook & Brown Lime Co., fuel, Oshkosh G. S. Luscher, insurance, Oshkosh L. D. Harmon & Son, insurance, Oshkosh	1,500
ĕ		7	Cook & Brown Lime Co., fuel, Oshkosh	18
7		9	G. S Luncher, insurance, Oahkosh	20
18		9	L. D. Harmon & Son, insurance, Oshkosh	
19		11	L. D. Harmon & Son, insurance, Oshkosh Tracy, Gibbs & Co., printing, Board, etc W. J. Turner, miscellaneous bulls, Milwaukee.	8
Ю		11	W. J. Turner, miscellaneous bills, Milwaukee	921
19		11 11	Jno. W. Hume, miscellaneous bills, Oshkodh D. J. Gardner, miscellaneous bills, Platteville F. P. Ainsworth, mi-cellaneous bills, River Falls E. M. Johnson, miscellaneous bills, Whitewater F. S. Ideson, heating apparatus, Stevens Point	1,911 54
3		11	T D Ainemorth miscellaneous bills Diver Fells	66
ĭ4		îî	E. M. Johnson, miscellaneous bills, Whitewater	1.84
15		ii	F. S. Ideson, heating apparatus, Stevens Point	9,50
ið		16		1,34
7		19	McKinzie & Cra *ford, coa! Oshkosh W. J. Brier, expense, visitor, Whitewater Geo. W. Peckham, expense, visitor, Whitewater	. 21
8		19	W. J. Brier, expense, visitor, Whitewater	25
9		19	D. D. Marris, expense, visitor, Whitewater	21 11 87 187
0 1		25 28	F P Ainsmorth evanue services Rused	11
3		28	D. J. Gardner, expense services Roard	187
8		28	Ira A. Hill, expense, services, Board	5
ŭ		28	John W. Hume, expense, services, Board	8
15		28	Michael Kirwan, expense, services, Board	19 86 15
16		28	Byron B. Park, expense, Board	84
57		28	W. J. Turner, expense, Board	12
18 19		28 ue	G. S. Alnea avnesse Ochborh	30 30
10 10		28	James Chaimers expense Platteville	97
ši		28	D. McGregor, expense. Platteville	21
12		28	L. D. Harvey, expense, Milwaukee	10
38		28	T. B. Pray, expense, Stevens Point	159
34		28	A. Salisbury, expense. Whitewater	19
35		28	E. M. Johnson, reimbursement, Whitewater	17
36		28	W. D. Parker, expense, Board, etc.	983 958
67 68		28 98	Geo. W. Peckham, expense, visitor. Whitewater D. D. Mayne, expense, visitor, Plattevile. F. P. Alnsworth, expense, services, Board D. J. Garduer. expense, services, Board D. J. Garduer. expense, services, Board John W. Hume, expense, services, Board John W. Hume, expense, services, Board Michael Kirwan, expense, services, Board My. J. Turner, expense, Board W. J. Turner, expense, Board Carrie E. Allee, services, Oshkosh G. S. Aloee, expense, Cakkosh James Chaimers, expense, Platteville D. McGregor, expense, Platteville L. D. Harrey, expense, Milwaukee T. B. Pray, expense, Milwaukee T. B. Pray, expense, Whitewater E. M. Johnson, reimbursement, Whitewater W. D. Parker, expense, Board, etc W. D. Parker, expense, Board, etc	353 160
		-	Word of Endor's Educated Common	100

CLASSIFIED EXPENDITURES FOR THE YEAR CLOSING JULY 27th, 1894.

	Milwaukee.	Oshkosh.	Platteville.	River Falls.	River Falls. Stevens Point	Superior.	Whitewater.	Total.
Apperatus. Bullding Fuel and light Furniture Miscellaneous Printing Ref B K Ref B K Repairs Sataries Statrionery Text Books Water Reut	\$508.74 68.00 816.68 117.76 117.89 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 118.77 11	2, 384 27 28 28 28 28 28 28 28 28 28 28 28 28 28	25.48 46 1,776 50 1,186 90 1,189 04 207 85 1,282 81 18,870 80 184 88 506 88	## 00 00 00 00 00 00 00 00 00 00 00 00 0	· · · · · · · · · · · · · · · · · · ·	\$28, 545 98 806 38 *\$65, 312 65 165 00	1,745 60 1,745 60 1,745 60 201 88 88 88 82 10 82 81,310 88 150 00	25, 194 25, 738 27, 288 27, 288 27, 288 28, 298 28, 298 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 508 38, 50
Total Schools	\$28, 108 75	\$47,007.28	\$25, 105 05	\$21,812 73	\$29,019 24	\$65,312 65	\$26,390 96	\$287,741 66
Expenses of Board, committees and secretary's office. Committees and secretary's office. Incluentals Salary of secretary 1,800 00	and secretary, and per diem	's office.	e men				\$2,005 76 876 45 1,800 00	24 88 89 90
Expenses of teachers' institutes. Conductors' salaries Conductors' expenses Incidentals.	86						2, 082 46 2, 082 46 65 84	
Grand total disbursements	nts							\$249,331 69

* Warrant No. 307 drawn June 4, 1894, for 365,000 in favor of the city of Superior and deposited with the state treasurer as all war. L rants are, for payment. See Proceedings Adjourned Semi-annual Meetings, page 14.

Sources of revenue for biennial period ending September 30. 1894.

	Receipts 1892–3	Receipts 1893-4.
Interest from bank depositories	21.624 49	\$5,739.88
Income from investments	99.819 01	100.094 97
Teachers' institute appropriation	1,477 99	1,726 95
Milwaukee school, ch. 364, ls. 1885	10,000 00	10,000 00
Tuition fees, books, seats, etc	14,866 29	13, 266 6)
1-20 mill tax, ch. 185, ls. 1898		82,700 00
Misscellaneo as sources	31 28	397 66
Drainage fund, ch_185. ls 1893	0,939 02	
Gift form Stevens Point	50,000 00	
Gift from Superior	65,000 00	
_		
Total	313, 258 08	\$163,856 08
· · ·		

## TEXT AND REFERENCE BOOKS.

Each of the schools purchases text books for the use of all students and pupils, and rents them at such rates as to maintain the books, provide a respectable reference library, and pay a librarian for services.

The receipts and expenditures for library purposes during the past two years are as follows:

#### Receipts.

	1892-3	1898-4	Total.
Milwaukee, book revenues. Oshkosh, book revenues Platteville, book revenues River Falls, book revenues Whitewater, book revenues	\$528 82 1,849 02 761 70 1,149 81 1,046 56	\$383 16 1,479 60 782 00 881 66 885 49	\$1,161 48 9,898 62 1,493 70 1,981 47 1,982 06
Total	\$ 4,885 41	\$4,561 91	\$9,397 \$2

## Expenditures.

	Text.	References.	Salaries.	Total.
Milwaukee Oshkosh Platteville River Falls	\$900 81 1,786 53 1,816 43 915 25 1,811 17	\$457 60 800 72 801 05 813 20 414 69	\$200 00 200 00 200 00 200 00 200 00	\$1,558 4 2,757 2 1,817 4 1,428 4 1,925 8
Total	\$6, 180 19	\$2,287.26	\$1,000 00	\$9,467 4

Total revenue from five libraries	\$9,397 33
Total expense of five libraries	9, 467 45

Excess of expenditures over revenues.......

#### Total enrollment of students.

1899-3.	Normal.	Prepara- tory.	Grammar.	Interme- diate.	Primary.	Total.
MilwaukeeOahkosh. Platteville	80 424 259 252 276	107 6 51 49	51 116 69 60 28	42 44 89 85 44	58 60 81 59 51	226 751 404 457 443
Total	1,291	218	319	904	254	2, 281
18 <b>98-4</b> .						
Milwaukee Oshkosh Platteville River Falis Whitewater	168 455 276 248 209	82 88 57	85 113 77 44 80	58 64 89 41 35	58 59 87 45 40	809 766 498 416 851
Total	1,851	157	599 ·	236	227	2,270

## Number of Graduates.

#### Elementary Course and Advanced Course.

	189	9-8.	189	98 <u>–4</u> .	То	tal.
	Ele- mentary.	Advanced.	Ele- mentary.	Advanced.	Ele- mentary.	Advanced.
Milwaukee Oshkosh	25 8	31 8 96 9 12	10° 25 9 12 17	87 19 28 6 19	10* 50 12 3: 41 144	68 27 54 15 31 —————————————————————————————————

^{*} Kindergarten diplomas.

Total number of graduates from each course since the organization of the respective schools, not counting any person twice:

	Elementary.	Advanced.
Milwaukee, opened 1885 Oshkosh, opened 1871 Platteville, opened 1868. River Falls, opened 875 Whitewater, opened 1868	*10 293 98 176 848	219 184 841 65 228
Total	920	987

^{*}Kindergarten diplomas.

#### Institutes.

•	1899-3.	1893-4.
No. of institutes held for counties, districts and cities. No. days of institutes	258 1,047 4,136 5,188 78.5	74 307 1,301 5,004 6,305 65 2 5

The following loans from the Normal School Fund, premiums paid and cash balances, are reported by the Treasurer of the Board of Regents of Normal Schools, July 18th, 1894:

	Light Horse Squadron. Beaver Dam city Milwaukee city and city schools. Oshkosh city and bridge Mineral Point city. Manitowe county. Portage county	\$20,000 00 12,000 00 230,000 00 2,000 00 10,000 00 70,000 00 24,000 00
	Total 4 per cents.	\$378,000 00
	Total 4 per cents.  Oshkosh city bridge—Total 4½ per cents.  Winnebago county—Total 4½ per cents.	\$25,000 00
į	Winnebago county—Total 41/4 per cents	\$44,000 00
	Eau Claire Light Guards Hudson city. Madison city Milwaukee city Dunn county Chippewa Falls city Madison city—Board of Education	\$10,000 00 44,000 00 95,000 00 20,000 00 60,000 00 9,000 00 40,000 00
	•	
	Total 416 per cents.	\$208,000 00
	Total 41/2 per cents.  Ashland county. Ashland city Chippewa Falls city Columbus city hall	\$208,000 00 \$45,000 00 22,000 00 35,000 00 12,000 00 5,000 00 1,900 00
. ,	Total 41/2 per cents.  Ashland county. Ashland city Chippewa Falls city Columbus city hall Columbus city school Centralia city bridge. Durand city Edgerton city Eau Claire city. Kenosha city La Crosse city Madison city	\$208,000 00 \$45,000 00 \$2,000 00 \$5,000 00 \$5,000 00 \$,000 00 \$1,000 00 \$10,000 00 \$10,000 00 \$0,000 00
	Total 4½ per cents.  Ashland county Ashland city Chippewa Falls city Columbus city hall Columbus city school Centralia city bridge. Durand city Edgerton city Eau Claire city Kenosha city La Crosse city	\$208,000 00 \$45,000 00 22,000 00 35,000 00 12,000 00 5,000 00 1,900 00 15,000 00 10,000 00 10,000 00

••• · · · · · •	
Florence county	98,000 00 18,000 00
Jackson county	10,000 00
	16,000 00
Washburn county. Whitefish Bay village	5,400 00
Grover town.	
Grover LOWIL	
Total 5 per cents	\$471,600 00
Waupaca town	\$2,000 00
Waupaca city	
Phillips city	
Total 5 per cents	\$493,766 66
Glenwood town	
Boyd village.	
Pine River town	
Total 6 per cents.	\$14,500 00
<del>-</del>	
Certificates of debt	\$515,700 00
Milwaukee city	90,000 00
Brown county.	15,000 00
Brown county	1.565 04
Oneida county	1.969 91
Osceola village	
Worcester town	1,000 00
School districts	1,527 47
Individuals	
Certificates of sale	10, 272 50
Total 7 per cents	\$645,967 92
Cash	\$15,461 78
Premiums	
Premiums	\$1,561 72
()	<b>V</b> -,
Grand total Normal School Fund	\$1.826.258 08
•	
RECAPITULATION AND COMPUTATION.	
	*** ***
4 per cent. interest on \$378.000 00	\$15, 120, 00

4 per cent, interest	t on \$378,000 00		. \$15,120 00
416			
416 414 414	44,000 0	***************************************	. 1.870 00
412	208,000 0		
5 ~	498,766 6		. 24,688 83
· <b>6</b>	14,500 0		870 00
7	645, 967 9		45, 217 75
Cash	17,023 50		
Total endowme	nt \$1,826,258 0		
Total prospecti	ve income from	endowment, '94-'95	. \$98, 157 80

I desire to commend the schools and the teachers' institutes to your favor and to the consideration of the people.

Respectfully,

Ira/a/Heill!

President.

# APPENDIX.

# REPORT OF THE PRESIDENT OF THE MILWAUKEE SCHOOL.

To the Board of Regents of Normal Schools:

I beg to submit the following report:

The enrollment of students in the Normal Department for the current year to April 1st, was 160.

In the Model Department, for the same period, 140.

A comparison of enrollment, attendance, and cost of instruction during the present year to date, and the year 1891-2, may prove interesting: .

	1891-9.	1898-4
Number of teachers in Normal Department proper	9	10
Salary roli for year Increase in total amount of salaries	E10.960 00	\$18.850 O
Per cent. of increase in salary roll  Per cent. of increase in average daily attendance.	68	16
Ost per day's instruction of each pupil based on average daily attendance  Greater cost per day's instruction in 1891-2 than in 1893-4  Greater per cent. of cost per day's instruction in 1891-3 than in	81 c.	50 c.
1898-4		.  •

#### ADDITIONAL TEACHERS.

From the foregoing data it will be evident that with one more teacher than two years ago, the work to be done by the teaching force has more than doubled. Even with relief afforded by the engagement of an additional teacher in January, every teacher is working to his highest capacity,

leaving little or no surplus time and energy for further study and investigation in new fields of thought.

In order to maintain even the present degree of efficiency in the work of the teaching force, it seems a necessity that with the opening of another year, another teacher be added to the faculty; a teacher of such ability, training, and experience as the dignity of the work of training teachers warrants.

In university, college, high school work, better teachers, at higher salaries are demanded. If the normal schools in Wisconsin are to properly do the work they assume to do, none but first-class teachers should be found in them. We should not rest content with the quality of work done at present in these schools. It should steadily improve to meet higher demands, and there is no way in which this improvement can be effected but by increasing the efficiency of the teaching force.

A still further reason for an additional teacher is to be found in the probable increase in the attendance at the school next year. Last year the enrollment was 32 greater than ever before; this year it is 38 greater than last year. At the close of last year I estimated that the enrollment would this year reach 150. This estimate was based on correspondence with and inquiries from prospective students. At least a dozen persons who had made definite arrangements to enter this year, found themselves unable to do so by reason of the financial depression.

The indications at this time, based upon data similar to that on which the estimate for this year was made, are that the attendance next year will not be less than 200.

#### GERMAN COURSE.

There has been considerable call this year for work in German by students who had instruction in that subject before entering the school. It would seem that this de-

mand should be met, and that a German course should be provided, to meet the needs of those students who have had at least two years' instruction in that branch and who desire to continue work in the subject. With such preparatory work, we could fit students to teach German acceptably in the High Schools of the state. It would also bring the school into closer relation with the University by giving graduates from this course an opportunity to enter the junior year of at least one course additional to that for which they are now eligible.

#### SCIENCE WORK.

At the annual meeting of the board, a special appropriation of \$350 was made for the purchase of physical apparatus. Fifteen compound microscopes were purchased with this sum, and their use during the year has given a new impetus to the work in Botany. Physiology and Zoology. The glasses have been in daily use during the entire year, and many students voluntarily spend a half of Saturday, and many hours before and after school in microscopic work. If a definite line of this work is to be attempted in the foregoing subjects, a sufficient number of microscopes must be furnished, so that economy of students' time may be secured.

The extension of time of science study is not feasible. With the number of students doing work in Biology, at least ten more microscopes are needed to properly equip present classes for economical and profitable effort. During the fall there were 55 students in Elementary Botany, 26 in Advanced Botany, and 43 in Zoology. During the present quarter there are 43 students in Physiology. During the spring term there will be large classes in both Botany and Zoology.

#### POST GRADUATE COURSE.

At the meeting of the Board in February I presented a

communication, urging that provision be made for offering advanced students a post graduate course of one year, in the Milwaukee School. In that communication I presented some of the reasons for such a course. I shall not repeat those reasons at this time, but beg to raise the question as to whether it is not time, in the development of the normal school system in Wisconsin, to offer in at least one school, opportunity for more adequate preparation for High School work than is now offered at any one of the Schools.

Even under present conditions, Normal School graduates have shown their ability to make a place for themselves in the High School work of the State. But better preparation is demanded for the work of the High School Principal, and the question arises as to whether the Normal Schools shall abandon this field entirely, or still continue to make their influence strongly felt in the High School work in the State. More and more the normal students come, and should come, from among the High School graduates. Is it not important that the training of these students in their High School work should be done by teachers, some of whom at least, have had special training for the business of teaching, if they are to do the kind of work they ought to do in the Normal School as students?

It is a fact that in a majority of the cities in the State, the Principal of the High School is the only person connected with the Schools who does any supervisory work in the grades below his own department. Is it not important that the person occupying that position should have given some attention to the problems of supervision and to fitting himself to do the work of teaching?

Most men direct from the University or College who enter upon the work of teaching have specialized in some direction other than in that of the art and science of teach-

ing. They enter the high schools, and if possible, they magnify the subjects upon which they have specialized, leaving other work to their assistants. The majority of them have entered upon the work of teaching as a temporary make-shift, and therefore fail to realize the importance of making a study of pedagogical principles and their application either to their own work, or to the work of the teachers under their supervision. If they, by any chance, do intend to make teaching a profession, they may begin to study its principles and after four or five years of such study as they can find time for, supplemented by their experience, often very costly to those upon whom the experiments are made, they become most excellent teachers and supervisors.

The high school is the most important factor in our educational system today. It is training students for life, it is fitting them for the university and for the normal school, and through its principal it is influencing and shaping the work of the grades below the high school. A corps of city teachers, many of them untrained, is often, under the inspiring leadership and training of the high school principal, transformed into an earnest, capable body of teachers. But this never happens unless the principal himself is a believer in the idea that there is both a science and an art in education, and that it is as important to know what to teach, when to teach it, and how to teach it, as it is to himself know the subject thoroughly.

Few enter upon the work of a high school principal and remain long enough to acquire the experience needed to do the work which should be done and as it should be done. If they have no knowledge of teaching, except as a memory of how they were taught, they will make but little impression upon the school and the teachers below them. from a pedagogical standpoint. It is true, I believe that a student properly trained in a normal school, will do

better work as a high school principal or teacher for three or four years, at least, than the average college or university graduate who has had a more extended course of study. This is not, in any way, derogatory to the colleges or universities. They are not training teachers; the normal school is, that is its business, and teaching is a business, if not a profession, which demands special training.

The university graduate enters upon the work of teaching with a good knowledge of advanced subjects, but with no knowledge of teaching. Before he can gain this knowledge by experience, he has left the school room for other fields. The normal school graduate enters upon the work of teaching with less extended knowledge of subjects, but with something of the spirit of the true teacher and some knowledge of the science and art of teaching.

In the year 1888 9, there were 156 high schools in the state. This year there are 186 such schools. There are 15 principals now in the schools graduates of the state university or state normal schools who were there in 1888-9. Eight of these men are normal school graduates and seven are graduates of the state university. The average salary of the eight normal school men is \$1,325.00, that of the seven university men is \$1,136.00.

There are 23 university and normal school men now principals, who were principals in 1889-90; 16 are normal school men and 12 are university men. There are 51 university and normal school men now principals who were principals in 1890-1; 27 are normal school men and 24 are university men. There are 87 university and normal school men now principals, who were principals in 1891-2; 56 are normal school men and 31 are university men. This year there are 33 university men who are principals of four year course high schools; their average salary is \$1,115; there are 30 normal school men principals of four year course high schools; their average salary is 1,139. There

are 16 university men principals of three year course high schools and their average salary is \$729; there are 38 normal school men principals of three year course high schools and their average salary is \$773. There are 49 university men in both classes of schools and their average salary is \$935; there are 68 normal school men in both classes of schools and their average salary is \$1,025.

These figures show that the normal schools are coming to be appreciated more and more, and it is a question as to whether some advance in the work now done should not be made in at least one school.

The preceding statements may be organized for comparison, as follows:

Number present High School Principals who are Normal and University graduates, and the date of their entrance upon service.

•	BEGAN HIGH SCHOOL SERVICE.		OL SERV-
	1889.	1890.	1891.
Normal University.	16 18	27 24	56 31

HIGH SCHOOL.

PRESENT PRINCIPALS AND AVERAGE SALARIES.

	In High School, being four years' course.		In High School, being three years' course.			
	No.	Average Sal- ary.	No.	Average Sal- ary.	No.	Total Salary.
Normal	30 83	\$1,189 00 1,115 00	88 16	\$773 00 729 00	68 49	\$1,025 00 985 00

Acting upon the suggestion that definite recommendations should be made in the report, I have to recommend

first an increase of the teaching force of the Milwaukee School. Second, the purchase of at least ten additional microscopes for laboratory work at as early a date as the finances of the Board will warrant. Third, the provision for a course parallel to the Latin course, but in which German shall be substituted for the Latin — students entering it to have had at least two years' preparatory work. Fourth, that the president of the school and the committee on course of study shall be authorized to prepare a post graduate course of one year for the Milwaukee School which shall be published in the forthcoming catalogue of that school with the announcement that this course will be definitely offered to students presenting themselves for enrollment therein at the opening of the school year 1895-96.

Respectfully submitted.

L. D. HARVEY,

President.

April 6th, 1894.

# REPORT OF PRESIDENT OF THE OSHKOSH SCHOOL

Hon. Ira A. Hill, President of the Board of Regents of Normal Schools:

DEAR Sir:—The Biennial Report of the Oshkosh Normal School is herewith respectfully submitted.

#### Candidates for admission.

	1892-8.	1898-4.
No different applicants.	296	251
dmitted to Normal course: By examination	181	184
By cartificate	25	36
By certificate	25 30	36 33
Total admitted	186	208
Character of previous training:  No. having previous experience in teaching	72	87
Average are when entering school	19 vr. 1 mo	19 Vr. 11 m
Average age when entering school Prepared in other normal schools and colleges. Graduates from high schools	7	6
Graduates from high schools	80	83
Final training in preparatory department Prepared in rural and graded schools	59	L 69
Prepared in rural and graded schools	54	54
Prepared in lower department of graded schools	21 22	92 19

#### Enrollment by Departments.

Normal Department.	1891-8.	1899-3
MenLadies	197 384	905 532
Total registration	531	587
Average registration per quarter	841 828 811	369 351 340
Model Department.		
Enrollment in grammer grade	116 44 60	113 64 52
Entire enrollment of school	751	786

#### Special Statistics.

	1899-3.	18 <b>98-4</b> .
Number of students having previous experience in teaching Number of students withdrawn to teach during year Number of graduates of high schools Number of post-graduates of normal and college courses. Number of counties represented Number of students graduating from full course. Number of students graduating from elementary course. Number of other states represented in school Average age of graduates from full course. Average age of graduates from elementary course.	99 76 46 9 26 7	282 75 71 3 49 19 25 8 23 yr.10 mo

#### Occupation of Graduates.

#### (Classes from 1875 to 1894 inclusive.)

Graduated from Advanced Course	188 8
Remain in the profession	90
Have completed college or professional courses.  Now undergraduates in colleges	19
Men who have entered other professions	12
Ladies who have married and left the profession	15 5
Completed the Elementary Course only Have not taught since graduation	285
Are pursuing the Advanced Course.	28 11
Have completed college or other professional courses E	81
Are pursuing college courses Are now in the professional work.	1 187
Are deceased.	18
Men who have entered other professions	28
Ladies who have married and left the profession	42

Reference to the foregoing statistics for investigation of the influence of the institution, requires much prior knowledge of the trend of public sentiment regarding professional training during the last quarter century, before much significance will be attached.

That the Oshkosh school has a clientage of graduate and undergraduate students in nearly every county of the state and that candidates are coming in increased numbers from year to year, speaks of the estimation in which a particular school may be held for doing work of value to every teacher and every community reached.

But if the work done here has not strengthened the conviction of the people that their schools can only be placed in the hands of youth untrained to their business, at a fearful loss of time and opportunity to the children of the

commonwealth, then the chief object for which we have striven for many years has not been achieved.

Beyond any other school in the state, it has been our privilege to reach large numbers of the most promising youth from the great majority of our counties both in students enrolled and through teachers sent forth to their work. It is true that the great majority have gone forth to their work after but scanty time spent here; but it was the purpose of the institution from the first day of its organization to allow no student to remain a single quarter in the school without an effort to impress some definite view of the essentials of pedagogic success upon his mind, as an earnest of the larger preparation due from him.

#### INFLUENCE IN POPULAR DEMANDS.

Twenty five years ago the public demanded strong scholarship and "common sense" in its best schools while the lower schools were happy if the second element alone was secured in a teacher. The charge made at that time by a few lights of the profession that the very few normal schools of the state were merely "good high schools," was construed as a compliment by a great majority; for good scholarship was sadly needed, and the normal schools were at least training youth to think first and memorize afterwards.

This was the first rift between early work of our normal schools and much of the earlier work of our colleges. Pedagogic work for intelligent methods and skilled power was relegated to the latter terms of a full course, while the great mass of students, going out to fill the office of teaching, after one or more terms' attendance, had received only the chance crumbs of professional hints which are inevitably more abundant in a normal school than in other institutions.

With the inauguration of strictly professional instruction

at the outset of the student's career and the organizing of the work of teachers' institutes from normal schools as centers, we may date much of the confidence in normal instruction as an increasingly essential factor in the integrity of our public school system.

Both of these steps were first taken by the Oshkosh school, tentatively worked out and amended from crude beginnings, but always meeting the approval of communities, until today they are considered as a matter of course in all our organization of normal schools.

#### PROFESSIONAL ESTIMATES.

Since, sir, your biennial report is for publication, as well as for file in archives of the Board, permit me to further consider the present status of our state system in in some arms of the service correlated with direct work of the normal schools.

Theoretically considered, the academic training of our youth should proceed in continuous course from the kindergarten through the college. After this due discipline in getting and sifting the material in general lines of knowledge, the work of various professional schools should begin. But the lamentable fact is that the great majority of candidates for position in all the so-called learned professions of America seek their professional school with but a meager school capital, and candidates for thorough pedagogical training are no exception to the rule.

While this is to be regretted in preparing for any profession, that of teaching has certain safeguards against charlatanism in the very nature of the case, in so far as the people come to realize what schools should become. Scholarship must prevail in every ably conducted school, hence must inhere in every step of normal training when those responsible for the ideals of the institution are adequately prefound. Therefore, the normal schools of

the country lay not a little stress upon sound scholarship but superadd to the mere attaining possession of the intellectual instruments, a training in the ability to wield them efficiently. Persons most profoundly experienced in what training makes for strength and skill in the different grades of school work, had supposed that the ghost of opposition to the two fold discipline, so effectively combined in normal training, had been laid. But the recent statement made in an educational journal of some influence while striving to show that the influence of the normal school at Oshkosh was not commensurate with its large enrollment says that "the prepatory students of the normal department are in no sense professional students." The learned editor probably does not know that there is no "preparatory student" in the Oshkosh normal today of a lower grade of scholarship than was admitted to the "normal work" twenty years ago. In the readjustment of courses by the Board of Regents two years since, it was found that the Oshkosh normal had relegated an entire term's work to its "preparatory" class which was being accounted as being in the professional course by the other schools and that much work was taken from our "preparatory" and placed under the latter designation for sake of uniformity; though to detriment of ultimate ideals, we think.

More than one half of the students of the group designated as "preparatory" have either taught school or passed examination here which would entitle them to a teacher's certificate in all the prominent branches; and the designation as distinguished from the less strict gradation of some other states and of our earlier history, is but a standing admonition to the mass of public schools to make better preparation of their pupils for the critical work essential in the integrity of normal instruction. Whether work is "preparatory" or not depends entirely

upon the point of view. Our students are preparing for some phase of yet higher professional work to the very close of the most advanced courses, in the most real sence of the term. The great question is 'do the normal schools meet the products of the great system of public schools fairly and return them to communities greatly improved for the calling of teaching. Under regulation of the Board of which you are the official head, the normal schools meet the product of the grades of the system. Graduates from Four Years' Courses high schools take highest rank, graduates from Three Years' Courses properly take the rank a whole year lower, while graduates from the multitudes of the common schools, holding diplomas of such courses, take yet lower rank by one and one half years. All of these are enrolled for training in the profession. Each in his degree is faced most strenuously towards professional lines and chafes at every delay. It would appear that any attitude of normal schools which should treat the full products of the schools of any community coldly would react injuriously upon the growing inclination of comunties to demand of youth that they take thorough preparation for teaching.

#### STANDARDS SHOULD BE GRADUALLY ADVANCED.

It is more easily said than done when any institution declares that schools throughout a commonwealth shall attain a fixed standard or their product shall be barred from entrance to higher schools; yet nothing is more certain than that the normal schools of our state should steadily advance the culture line of their graduates. How can this be accelerated with no violent strain upon our vast system of public schools, and thus bring about the needed advance in all? In two ways; first by regulating more and more of strictly academic work to preparatory lines, the legitimate minimum being thoroughness in all lines now required by

statute of pupils to be taught in every public school. This would enable the work of normal courses to begin about half a year in advance of standards established by the Board in eighteen hundred ninty-two, yet demand nothing which every community is not bound by law to do for its children.

#### NORMAL INSTRUCTORS MUST BE EDUCATORS.

The second essential of true culture to be possessed by students inheres in the quality of instruction. Habits of primary and elementary schools, very strongly tinctured with memoriter grasp which magnifies the fact at the expense of correlated views, characterizes our candidates. The mere academician, though from the halls of our most celebrated universities, makes but feeble headway against this ill directed current of student impulse, no matter how able a scholar may be. He may even be a profound thinker, yet fail to accomplish much toward correcting students habits, if his course of experience or training has not led him to wise estimates of the influence of mental habit upon a student's progress in reflective growth.

With the altogether too limited means at command of our Board this is the most perplexing problem before you. if it be the intent to foster the development of large views of the profound significance in the education of the army of youth who will control this commonwealth.

Colleges almost invariably content themselves with securing a most able man at the head of each distinct department of knowledge, and then supplement this work with scholarly embryo instructors. And it is conceded that their product is often most thoroughly scholarly. Yet no one claims such results as adequate for the immediate practice of either learned professions or any trade.

Were it the sole business of a normal school to train for sound scholarship, the present limitation would not be so disastrous. But all the professional attitudes and ideals of their students, obtainable from institutions, are to be shaped within a few brief years of training at most. They must be drilled when exact instrumental knowledge is a necessity; guided and stimulated to excellence in fields where native taste or talent is not sufficient incentive; steadily and systematically forced from erroneous habits of thought, and furnished with ideals and views regarding the fertile fields of their future work, that shall free them from narrow estimates of ability and privilege in the profession.

Who is equal to all this? None but those who have, be. ginning as strong scholars and with an instinct for teaching, risen to an educational conception of the meaning and due relation of each branch as a factor in the development of a man. The first stages of such emancipation usually beget indifference to the multitude of details with which the learner must be occupied; and such teachers delight to lecture and present scopeful views of subjects to the great detriment of a definite knowledge. Later, if a teacher becomes really great in his professional views, the details of a study take wise shape in his enlarged estimates and their essential qualities shine not as ends in themselves, as to the callow instructor, but as indispensable parts.

If it be true that it is the office of normal schools not only to train students as instructors but to imbue them with skill and adequate views of the possible, never yet but dimly apprehended, who shall be called to the work?

The schools under your charge have been fortunate in securing not a few teachers adequate to such duties, as large a proportion as college faculties contain; but demands upon a normal school are of a nature that admits of less freedom in gradation of talent and skill. The brevity of time allotted for transformation from crudeness to disciplined efficiency in a profession permits no waste through lack of high skill in work at every stage. Such ability is possessed by comparatively few teachers, while a demand throughout the country is incessant. Wisconsin has fallen

behind other states in salaries paid, and we find ourselves proportionately embarrassed, whenever an able teacher is lost from the work, to secure well-equipped instructors. The majority of teachers, whom we consider adequate to our needs, decline to negotiate with us as soon as they know the maximum salary decreed by the straitened finances of the Board.

In view of this all-important need and exigency, we do most earnestly urge that the Board lay the necessity of a more generous support before the legislature at its next session. Those who know most of the work that should be done by the system of schools specially organized to exert an all important influence upon the education of our people, have realized for years that untold waste has arisen to all arms of the service from our inability to call the best from other states to the normal work of our own.

#### GRADING OF CANDIDATES.

While it is to the credit of any school that the region adjacent is most fully represented in its register of students, it is matter of congratulation that the number of persons seeking admission to the Oshkosh normal school from distant sections of this and other states steadily increases. We have ever argued that a class devoted to amendment of deficiencies, found even in candidates of much promise, is essential to the maintenance of high standards in any regular course; and have applied tests unflinchingly, because no injustice of absolute exclusion from due privilege could arise under such a plan. Nevertheless, it is most desirable that every encouragement to full preparation at home be given by every higher institution. For this reason, this school first inaugurated the plan of local examinations for each examination district of every county in which candidates might reside.

Steadily and carefully we have progressively weighed

the value of all phases of certificates granted by schools and superintendents to pupils and teachers graduating each to some equitable adjustments to the standards of the normal school. By this process of recognizing strength, and meeting weakness fairly, a widespread interest and confidence has been created, as evidenced by the large numbers who come duly provided with specific credits from officers, and who cordially accept our classification, even if low.

This spirit of helpful encouragement while adhering to critical ideals is coming to constitute more and more the attitudes of our teachers and students.

#### PROFESSIONAL PROGRESS.

While the character for scholarship and public spirit in a student is properly considered paramount, this institution realizes that unless superior skill in all essential attitudes of the teacher be secured to the students, there is no sound ground for the maintenance of a normal school.

A healthy professional school has no place for a teacher who has found "the best way" and has no plan forging upon the professional anvil. Intelligent and successful methods of the past will prove their vitality by begetting yet better for the future.

. We, therefore, never had any quarrel with former methods; they are the ancestors of us all. Our aim is constantly to utilize those most helpful for an advance, and "innocuous desuetude" will care for the rest. A normal school, above others, perhaps, must be in state of perpetual evolution, and thus avoid need of appeal to revolution.

The recent extensive enlargement of building and great increase of facilities have enabled sound phases of professional work to be developed which had been impossible before.

Notably may be mentioned the large advance in laboratory processes in several departments, and the employ-

ment of the library methods of research with a freedom and economy to students not thought possible a few years ago.

With this thought in view, the management of the school has for some time persistently striven to secure teachers who should have had adequate special training in the highest institutions of the country, ripened by practical experience in school work, whenever vacancies have occurred. Now when the facilities are afforded, it can unhesitatingly be be said that the corps of instruction was never so well equipped to enter upon the larger work planned.

Very respectfully,

G. S. ALBEE.

Oshkosh, Sept., 1894.

# REPORT OF PRESIDENT OF PLATTEVILLE SCHOOL.

## HON. IRA A. HILL,

President Board of Regents of Normal Schools:

SIR: — I have the honor to present the following report of the State Normal School, at Platteville, for the term of two years ending August 31, 1894:

#### Enrollment.

	1899-8.	1898-4
Normal Department	265 189	278 152
Total	404	430
Classified by sex as follows:  Gentlemen, Normal Ladies, Normal Boys, Training Department Giris, Training Department	179 64	101 177 68 84
By Classes — Fourth year Third year Second year First year Preparatory Graduates and specials	423 533 139 6	41 42 50 189 1 5

It will be observed that the enrollment shows a slight increase in the Normal Department, with a corresponding shrinkage in the Preparatory. It may further be observed that for a Normal School, the proportion of gentlemen enrolled is noticeably large and still increasing. The results thus shown are in no sense to be considered accidental, but purposed. For many years it has been the unvarying policy of the school to build up the Normal Department with as large a proportion as possible of advanced stu-

dents, and to persuade students of preparatory grade either to enter the Grammar department or to seek better preparation in the home school. The year just closed has yielded the most satisfactory results in this direction. The High Schools are beginning to send their graduates in considerable numbers to the school, thus materially increasing the enrollment in upper classes. In 1892-3 only nine persons entered upon High School diplomas; in 1893-4 twenty persons, fifteen of them graduates of High Schools having four year courses, were enrolled as members of the school. This is the largest accession from High Schools, since the rule for the admission of such applicants was adopted.

We account for the large proportion of young men in attendance by the fact that it has always been the policy of the school to employ a proportionately large number of gentlemen as instructors. During the year 1893-4, preparatory pupils did not exceed six in number for any one term, and at the close of the school year, only one person was classed as preparatory. The normal department has already reached the limit of the seating capacity of the assembly room and should no shrinkage occur, it will be impossible to accommodate preparatory pupils hereafter. That they should be excluded I consider to the advantage of both the country schools and the normal. Every town should support one school or more of a grade sufficiently advanced to fit pupils to enter the normal department. The attempt to do this work would be a wholesome and much needed incentive to the country school. If the normal school should refuse to accept this grade of material the work of preparation would be forced upon the country school and scholarship and ideals in that class of schools would be thereby advanced. I am strongly of the opinion that our preparatory department tends to make communities to whom the school is easily accessible, content with

cheap teachers and inferior schools. The conditions existing in the Platteville school seem to compel the abolition of the preparatory grade however desirable its maintenance elsewhere, might be considered.

#### Graduates.

	1893.	1894.
Advance course	96 8	28 8

Last year, the members of the class of 1893, Advance Course, were employed as follows:

High school principals	4
High school assistants	6
Graded and ward school principals	4
Graded school assistant	1
Grade teachers, ward schools	8
Students Univ. Wis	2
Not engaged in school work	1
	26
	200

The members of the class of 1892, were, last year, engaged as follows:

High school principals	4
High school assistants	2
Graded school principals	8
Grade school assistants	1
Grade teachers	8
Teacher in orphan asylum	1
Student, University	1

Total in class 14, all of them actively engaged in school work. It will be seen that graduates of the school, with rare exceptions, engage in teaching immediately after graduation. The school has graduated twenty-six classes making a total of 342 persons. The Platteville School is is the oldest Normal School in the State by two years and has graduated one more class than the next school organized. Seven classes were graduated from a Three

Year Course while the next school in the order of time graduated six in the same course. Inasmuch as the last bi-ennial report issuing from the Department of Public Instruction, in the effort to show that the Normal Schools do not advance a sufficient number to graduation, ignores the record of the Platteville school, assigning as a reason the large number of classes graduated in the Three Year Course it is but fair that the following exhibit should be made. —

Number Completing Three Year Course.—7 classes—88 persons. Average 124.

Number completing Four Year Course to 1893—17 classes—200 persons. Average 11‡‡.

Number completing Four Year Course to 1894—19 classes—254 persons. Average  $18_{7}^{4}$ .

Number completing only Elementary Course to 1894—19 classes—90 persons. Average 414.

These figures point to a different conclusion than that reached by the argument from which they were excluded.

#### EXTENSION WORK.

At the beginning of the year 1893-4, the school proffered the services of members of the faculty in addressing evening meetings that might be held in connection with district associations or local institutes. It so happened that the railroad service of nearly all cities and villages of LaFayette county made it possible to meet evening appointment without encroaching upon school time. Points in other counties could be reached only by using time to which the school was entitled or by making the journey over roads not well adapted to driving in the night. Supt. Nattrass of LaFayette county quickly availed himself of the favorable conditions, organized his county into institute districts and drew upon the faculty of the school for three evening addresses at each center. Twenty-seven

lectures in all were delivered, teachers having been invited and having responded as follows: D. McGregor, 13 lectures; A. J. Hutton, 7 lectures; J. W. Perrin, 3 lectures; Chas. Walker, 2 lectures; N. H. Burnham, 2 lectures.

From one to three meetings were held at each of the following named places: Arygle, Belmont, Blanchardville, Darlington, Fayette, Gratiot, New Diggings, Shullsburg, and South Wayne in La Fayette, Mt. Hope in Grant, and Mineral Point in Iowa county. In no instance was there a failure to meet a fair audience, and in many instances the seating capacity of the hall was fully They were audiences, too, that would delight any speaker. Teachers, school officers, fathers and mothers,—the people most directly interested in school matters constituted almost the entire audience at each meeting. That the interest was genuine was evident from the fact that the attendance increased as the course advanced. Throughout the entire territory reached, there was no lack of appreciation of the importance of well equipped and well managed schools, nor of a desire to co-operate with all agencies that might promise greater efficiency or more satisfactory results in teaching. No topic but education could have elicited such general and deep interest. many of the places visited no public presentation of what constitutes excellence in a school had ever been made and efforts in that direction were hailed as both timely and instructive. I am confident that the school has never done any experimental work more satisfactory than this. was carried on without any expense to the state and at the bare cost of transportation and entertainment to the local centers.

Great credit for the success of the experiment is due to the county superintendent for the admirable organization effected. Then, too, by circular, written correspondence, personal solicitation, and presence at a large number of

the meetings, he kept every locality throughout the entire county in constant anticipation of the next approaching institute and lecture. Nor were the leaders of the local institutes a whit behind their chief in their activity in making every preparation for a successful and profitable session. Acknowledgments are also due to the members of the faculty who heartily approved the project and responded promptly to every call for their services. When we remember that the addresses were delivered on Friday evening, at the close of a week of hard work, and that the return home consumed the best part of Saturday, it is much to the credit of these teachers that this service. undertaken gratuitously was performed heartily and uncomplainingly. With all this work our resident regent. Hon. D. J. Gardner, was in full sympathy and took frequent occasion to commend our efforts and in many ways to encourage the enterprise.

Some of the objects in view in attempting this work have been accomplished. The territory thus covered last winter has been brought in closer relation to the normal school and normal school ideas than could be done in any other way. We hope that these results may follow:-that their will be a demand for better schools, that teachers will have higher ideals of their calling, and that young people in increasing numbers will avail themselves of the opportunities now so freely offered for advanced training. At the date of this report there is an unusually large delegation from La Fayette Co. in attendance. We believe that a normal school can not engage in more fitting or more profitable work. Altogether the experiment proved successful beyond our most sanguine expectations. What the future policy of the school and its management may be in this matter, we know not, our present purpose is merely to show progress in a work in which we have been intensely interested and in which we have taken a pardonable pride.

#### TRAINING DEPARTMENT.

The special feature of the Training Department is the systematic study by the student teacher of the individual The growth and development of each child is made the objective point in all practice work as it is the essential aim in all teaching. The needs of the child are considered in order that these needs may be supplied most effectively and economically. Gradually the problem has been enlarging and the point of view of the teacher shifting. From looking at the work of education as involving only the imparting of knowledge it has changed to a consideration of the means by which the mind may be made to apply itself to the acquisition of knowledge and to a study of the effects of different kinds of knowledge upon the mind. In short it has been the purpose to place teaching upon a psychological basis. We believe that some progress has been made in this direction, yet we are well aware that very much yet remains to be done.

#### GYMNASIUM.

Within the last year the gymnasium has been equipped with necessary apparatus and has proved a most valuable aid in the physical development of the students. The exercises in this department serve a double purpose — while they yield recreation and contribute to physical improvement, they are also planned with reference to the future work of the teacher.

Thanking yourself and your committees for many personal favors, I remain,

Respectfully yours,

D. McGREGOR.

Platteville, Wis., Aug. 31, 1894.

#### River Falls Normal School.

## RIVER FALLS NORMAL SCHOOL.

No official report for the River Falls school is at hand covering the year 1892-3, but the following report of President Hull covers the year 1893-4.

It is believed that definite success, in the ways that a normal school asserts itself, has attended the administration at River Falls, during the two years, and materials used by good schools, such as books, apparatus of varied kinds for illustrative purposes, the building itself and the grounds, have been maintained in fair condition.

The communities that have received teachers from the school have testified in many ways to the service which the River Falls students have afforded in making country schools more effective, and placing them in harmony with the interest that the public has in local schools.

The following statistics for the two years covering important items, are gathered from permanent records, in the archives of the school:

Enrollment.	189 <b>9-3</b> .	1893-4.
Normal School: Normal grade. Preparatory grade.	252 51	948 36
Model School: Grammar grade Intermediate grade Primary grade.	60 85 59	44 41 45
Number of Normal Graduates: Elementary course (certificates)	19 9	12 6

Total number holders of certificates	210
Total number holders of diplomas	65
Total number of normal students enrolled 1875-1894	1,494

#### River Falls Normal School.

## REPORT OF PRESIDENT OF RIVER FALLS SCHOOL.

(FOR ONE YEAR.)

To the Board of Regents of Normal Schools.

GENTLEMEN:—During the year 1893-94 the normal school at River Falls has been in apparently prosperous condition. Except for many cases of "the grip" during the winter, and the sickness resulting from a general vaccination of the students this spring, the health of the school has been good. That of the teachers also has been generally good.

The attendance has been somewhat less, probably, than it would have been but for the very serious business depression; but on the whole it has been satisfactorily large. One fault of the attendance has been its fragmentary character, many students not remaining long enough at one time to secure the greatest good from the school.

More satisfactory results than are now possible would be obtained, were the students, at their entrance, better prepared for work than existing standards have required them to be.

Some changes in administration have been made in departments of the school. Definite courses have been planned for the music and the physical training, and a syllabus of each has been placed in the hands of your committee on course of study. The time assigned to the study of music remains unchanged, but the daily chorus practice will not be required beyond one year, except perhaps one practice period each week, after the first year.

The course of physical training requires definite work of such variety as to prepare the pupils with simple exer-

# River Falls Normal School.

cises to be given in their schools. One period of exercise weekly will be required of such students to complete the the course, that they may maintain their power.

Heretofore the work in observation has been limited to one class each year, organized at the beginning of the year. This class has been altogether too large for most profitable results.

The organization of but one class each year has made it necessary for pupils who did not attend at the beginning of the year, or who lost place in the class for any reason, to wait one year before entering the work again. This makes the observation a source of hinderance to regularity of students in the courses, and often prevents experimental teaching by students who have but a year or two in the school. To remedy this, present plans include the organization of two classes, one at the beginning and one in the middle of each year. These are to give three periods weekly to observation work proper for one yerr, and two periods for twenty weeks to elementary study of mind, the latter to furnish the basis for observation and practice work. This saves to the pupil two periods each week for twenty weeks for study.

These changes give to the pupil for purposes of study an amount of time equivalent to one period a day for the entire four years of his course, one term of ten weeks excepted. This is a matter of importance to the pupil in that it materially adds to the time at his disposal for increase of his powers by his own efforts. To the student strength comes through what he does for himself, not through what others do for him. This gives sufficient reason for the change in the time set for the branches named above.

But the school still demands too large a part of the pupil's time in taking in material prepared for him. This is specially true of its requirements of pupils in the Junior and Senior

# River Falls Normal School.

years, where eighteen and fifteen periods a week, respectively, should be the maximum of recitation time permitted. There is a profit in the mastery of large tasks that cannot be got from small ones, and the saving of time and strength to both pupils and teachers from the fewer tasks assigned is matter of no small importance. Justice to both parties demands the re-arrangement here pointed out should soon be made.

The ultimate aim of the school being the making of strong and worthy character, the discipline of the school demands early and thorough consideration. Here, as in the acquisition of knowledge, good to the pupil comes from his own self directed efforts. Compulsory obedience has in it at best only negative good, and not infrequently it leaves behind it weak judgment and feeble will. Repression is justifiable if it leaves the student to choose better lines of activity, and the teacher's efforts should help to wise choice by those given to him for training. Schools so disciplined often fail to impress the casual visitor favorably, but the consciousness of clear and strong purpose that becomes the possession of those so governed, is ample proof of the correctness of the method and sufficient warrant for its continuance. Discipline is. necessarily, a large factor in successful efforts by any school to achieve its purpose, namely, the making of complete men and women.

Some effort has been made in the current year to secure better co-ordination of the branches of instruction in the various departments of the school. This will be continued and the results presented in connection with the courses of study in the catalogue soon to be published. Such coordination of work for the normal and the model school is too large a task to warrant expectation of wholly satisfactory results, under existing conditions, but a fair beginning may be expected. To render co-ordination and con-

#### River Falls Normal School.

centration most complete, the instructors in the normal department should have actual working relations with the model school, each teacher being held in proper measure responsible for the plans and methods pursued in branches properly his own, in all departments of the school. Under this plan the supervisor of practice would work in connection with, not independent of, the heads of departments in the normal school. In this way the one aim of the school would stand out more prominently; and the workers, otherwise independent explorers, would be transformed into co-workers in the common cause.

In case pecuniary matters require reduction of amount paid to the teachers in your schools, I beg to say that it is my deliberate judgment that the school at River Falls would be less harmed by temporarily reducing the teaching force of the school than it would be by a general reduction of salaries. Should it be desired by you, a supplementary report will be made to cover this particular matter.

Respectfully submitted,

JOHN HULL

President.

April 9, 1894.

# REPORT OF PRESIDENT OF WHITEWATER SCHOOL.

# HON. IRA A. HILL,

President of the Board of Regents of Normal Schools:

DEAR SIR,—I have the honor to submit the following report of the condition and progress of the Whitewater normal school for the two years ending August 31, 1894.

#### ENROLLMENT.

The enrollment of pupils in the several departments has been as follows:

NORMAL DEPARTMENT.		18 <b>9</b> 3-4.	
Senior class. Junior class Second year classes First year classes Special students Preparatory class	18 40 71 108 2 62	20 46 55 84 4 87	
Totals	296	246	
Number of ladies	212 84	182 64	
MODEL DEPARTMENT.		<u> </u>	
Grammar grades Intermediate grades Primary grades	27 89 47	80 85 40	
Totals	118	105	
Total in all departments	409	851	

The average daily attendance for some years past has been as follows:

FOR THE YEAR:		Including Preparatory class.
896-7.	175	210
887-8.	178	210
888-9.	176	218
889-90	197	235
890-1	169	904
891-2	177	218
892-8	152	202
893-4	141	169

The marked falling off in attendance for the last year and a half has, naturally, attracted attention; but no satisfactory reason for it has been found except in the effect of the great World's Fair, to which our tributary territory was so closely contiguous. Of the students in attendance the past year, nearly seven-eighths had attended the Fair, many for a period of several weeks, and still had money left with which to continue in school. But many had to choose between school and the Fair, and wisely chose the latter. This view of the case is confirmed. seemingly, by the fact that all the falling off in enrollment was in the lower part of the course, and almost wholly from the country membership. Moreover, the average attendance for the spring quarter of 1894 was greater than in any other quarter of the two years covered by this report.

#### ADMISSIONS.

The record of entrance examinations and admissions for the two years is as follows:

·	1892-8.	1893-4.
No. of applicants examine 1.  No. of these admitted to Normal Course.  No. admitted on High School diploms.  Promoted from Prep. class.	120 19 22 26	78 13 96 22

It will be observed that, in each of the two years, only one-sixth of those applying, exclusive of high school graduates, were found prepared to enter at once upon the work of the normal course. This fact alone would seem to furnish a convincing argument for the continuance of the preparatory department; though it may be thought also to argue a somewhat too exacting standard for admission to the normal course.

#### Age at Admission.

Average of those admitted in	1896-7	18.7 years.
in	1887-8	19.9 years .
	1888-9	
	1889-90	
	1890-91	
	1891-98	
	1892-98	
	1898-94	
Average for the eight yes	irs	19.5 years.

#### GRAD UATION.

# The sanction of the school has been granted as follows:

	18 <b>99-8</b> .	1893-4.
Oertificated (Elementary Course)	28 19	95 19
	40	44

#### OCCUPATION OF GRADUATES.

# (Classes from 1870 to 1894 inclusive.)

3raduated from Advanced Course (men, 78; women, 150)	228
Have not taught since graduation	8
Still in the teaching profession	110
Have completed college or professional courses	- 21
Now in college or university	~ 6
Now in college or university Men who have entered other professions Women who have married and left the profession	10
Women who have married and left the profession	54
Deceased	19
Completed the Eiementary Course only (men, 90; women, 257)	20
Are pursuing the Advanced Course  Have completed college or other professional courses	- 16
SUII In the teaching profession	155
Men who have entered other professions	14
Men who have entered other professions.  Women who have left the profession by marriage	9
Deceased	19

# QUARTER CENTENNIAL.

Since my last report, the Whitewater Normal School has passed its quarter century mark. This happened, chronologically, in April, '93, and was celebrated with due formalities by the alumni and co-operating friends on the 22d of June following. A whole day was given to the exercises, including forenoon and afternoon sessions, with a banquet in the evening. The occasion was a memorable one to all concerned. The papers presented, together with other historical material, were organized into a book under the title, "The First Quarter Century of the State Normal School at Whitewater, Wis.," which was published in presentable form, and constitutes a valuable record of the life of the school thus far. A copy of this book will be sent to any public library making application for the same.

#### THE REVISED COURSES OF STUDY.

The new courses of study, involving a half year's reduction in time and introducing the principle of elective studies, have now been in use for two years. While it is perhaps still too early to pronounce final judgment upon them, it may not be amiss to say here that they do not yet commend themselves as a successful solution of the problem of the best curriculum for Wisconsin Normal Schools. The Latin course is very weak in Natural Science, while both courses are admittedly weak in Mathematics. But there seems no remedy short of again lengthening the course of study; and that, at present, would seem hardly the part of wisdom. The time, doubtless, is not yet ripe for further change; though the present courses can not be regarded as a finality.

#### THE LEGITIMATE WORK OF NORMAL SCHOOLS.

In the last biennial report of the state superintendent that official, at the close of an array of somewhat conflict-

ing criticisms on the normal schools, after severely arraigning them for doing so much "academic work," and urging "the devotion of effort to legitimate normal school work," makes the following surprising declaration:

"The features chiefly to be deplored are misdirected work of the students, in the excessive devotion to practicework, study of methods, theory and art of teaching, science and philosophy of education, history of education, and pedagogic psychology, which consume the time and energy of the student and prevent the attainment of real scholarship."

Although these criticisms are publicly promulgated by the highest educational officer of the state, and are entitled to consideration for that reason, I should feel myself derelict in duty if I failed to signify my earnest dissent. If the lines thus condemned are not the legitimate work of the normal schools, it is hard to see what a normal school is, or what reason it has for existence. That thorough and exact scholarship is an essential item in the teacher's equipment no one questions; but that it is the supreme and only essential, is a tradition which lingers, in some quarters out of due time. When school boards, anxious to improve the efficiency of their teaching corps, send to the normal school for teachers, they never ask for the highest degree of scholarship, but often say explicitly, "There is no trouble about scholarship; what we want is some one who has skill in teaching and who can govern." Now what they desire when they ask for the teacher who can govern is not the tyrant with his rigid rule, but the teacher who knows children and child-nature, who knows how to arouse interest and touch the right springs of motive; one, in short, who has learned the art of teaching. And teaching is an art which needs to be studied, and is not at all involved in never so thorough a mastery of the sciences, geometry, chemistry, et al.

If there is one thing more than another which differentiates the legitimate normal school from the academy it is, and should be, large and prolonged attention to the study of child-nature, the very "pedagogic psychology" condemned in the paragraph quoted. I therefore contend that if the normal schools of Wisconsin have vitally erred in any direction it has been, as a rule, in not paying sufficient attention to the science and philosophy of education and pedagogic psychology. And this attention should be of a thoroughly practical sort and not wholly theoretical. should seek constant verification of principles by direct contact with the living child. We might as well upbraid the law school for spending so much time on the principles of the common law as condemn the normal school for much study of pedagogic psychology. And we might as well abolish clinics and hospital practice from the medical course as to eliminate practice teaching from the work of normal schools. The more scholarship we can have as a foundation for this professional training, the better, of course; but I am sure that normal schools do not suffer, at the present time, by comparison with schools of law or medicine. Because the scholastic requirements of law and medical schools are low, shall we therefore demand that they pay less attention to the distinctly professional and technical features of their work? Wisdom does not lie that way!

#### NORMAL SCHOOLS AND COMMON SCHOOLS.

I wish to express once more views already presented in my previous reports concerning the relation of the normal to the common schools. The present tendency is to create a great gap between them. The relations between the normal and high schools of the state are becoming more cordial and intimate; and a happy result of these new relations is seen in the accession of high school graduates to

the higher classes of the normal schools, a result beneficial to both the normal and the high schools. But we shall do ill if we come to look to the high schools only for our source of supply. The normal school ought never to lift its requirements so high that the best product of the best country schools can not gain admission except by way of the high school. Space forbids to give the argument in detail; but I desire always to see a good stream of country blood running through the normal schools.

Furthermore, the increasing prosperity of the normal schools as respects number of graduates, is perhaps diverting their attention from the value and importance of the work done for and through their undergraduates, those who never graduate. It can not reasonably be expected that graduates, even from the Elementary Course, should often be found teaching in the country schools. They can not afford it; they have too much capital invested, in time and money. The statistics gathered by the State Superintendent's office from the institutes show what a great majority of the teachers of the state still get their highest training in the high schools. The high schools are more accessible and hence less expensive; but are the normal schools at present offering all the inducements that they safely can to stimulate the attendance of those who look forward to teaching only in the country schools, and for a limited term of years? Is not the suggestion of the course designed especially for the teachers of rural schools one which ought to receive careful attention, as furnishing one link by which to join the interests of the normal and the common schools.

#### CONCLUSION.

In conclusion, allow me to thank the members of the Board for the interest shown by them, officially and personally, in the welfare and progress of the schools under 5-N.S.

their care, under conditions often trying and perplexing. It is but natural, no doubt, that state institutions, as well as others, should sometimes find themselves pinched and harassed by inadequate means of support. Such stress is an almost inevitable result of life and development. Growing children need always new and larger clothes, to say nothing of additions to the family group.

But when an institution is *productive*, fruitful in benefit to the commonwealth, and not simply a necessary burden, like prisons and almshouses, there is always reason to trust that the people will come cheerfully to its relief, when the need is made sufficiently known. It would certainly seem that the time has come when the community at large should be made clearly aware of the financial limitations which depress and hamper the work of the normal schools.

Very respectfully,

ALBERT SALISBURY,

President.

Whitewater, Wis., Aug. 31, 1894.

# BIENNIAL REPORT

OF THE

# Commissioners of the Public Lands

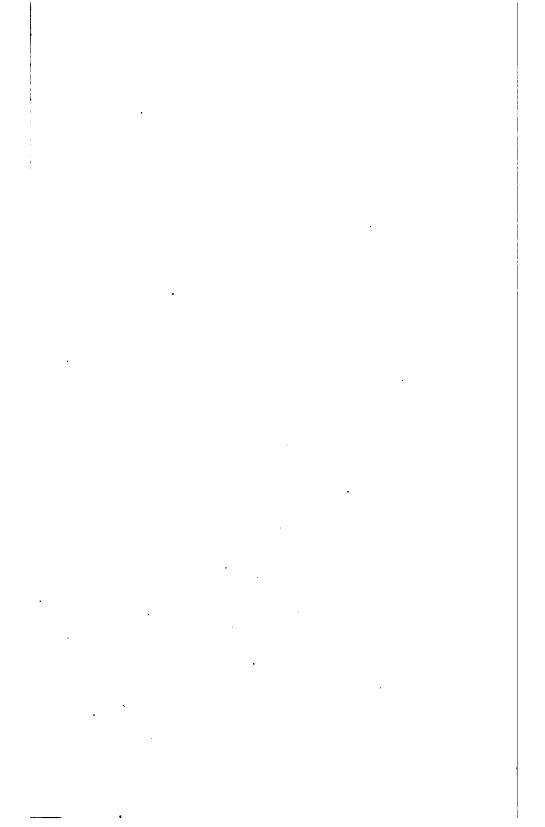
OF THE

STATE OF WISCONSIN,

For the Fiscal Years ending September 30, 1893 and 1894.



MADISON, WISCONSIN:
DEMOCRAT PRINTING COMPANY, STATE PRINTER.
1894.



# BIENNIAL REPORT

OF THE

# Commissioners of the Public Lands

OF THE

# STATE OF WISCONSIN,

For the Biennial Fiscal Term Ending September 30, 1894.

Office of the Commissioners of the Public Lands, Madison, Wisconsin, October 10, 1894.

To His Excellency, George W. Peck,

Governor of the State of Wisconsin:

As required by law we have the honor to submit the following report of the transactions of this office during the biennial fiscal term ending September 30, 1894. The reports of the secretary of state and state treasurer exhibit detailed statements of the receipts and disbursements on account of the several funds affected by our action and to them we respectfully refer.

The only funds those reports do not show are the Non-productive Trust Funds, which consist principally of unsold lands, and their estimated value will be found in Exhibit No. 1.

# Sales of Public Lands.

# SALES OF PUBLIC LANDS.

The sales during the fiscal term ending September 30, 1894, amounted to 76,281.03 acres.

The sales for the year ending September 30, 1893, amounted to 45,989.20 acres, and for the year ending September 30, 1894, amounted to 30,291.83 acres.

The classification of these lands and the revenue derived from sales thereof, will be found under their proper headings and exhibits.

#### SALES OF SCHOOL LANDS.

Exhibit "A" 1, shows that there have been sold during the year ending September 30, 1893, 7,879.39 acres of school lands, for the sum of \$10,267.75.

From these sales the state received \$5,001.51 as principal and other charges, \$118.40 interest charges, leaving a balance due of \$4,570.60, upon which the state receives 7 per centum interest.

Exhibit "A" 2, shows that there have been sold during the year ending September 30, 1894, 5,902.61 acres of school lands for the sum of \$6,523.10.

From these sales the state received \$2,943.10 as principal and other charges, \$105.01 interest charges, leaving a balance due of \$3,580.00, upon which the state receives 7 per centum interest.

#### SALES OF UNIVERSITY LANDS.

Exhibit "B" 1, shows that there have been sold during the year ending September 30, 1893, 80 acres of University lands for \$231.70. Of this sum the state receives as principal and other charges \$59.70, interest charges \$5.92, leaving a balance due the state of \$172.00, upon which the state receives 7 per centum interest.

Exhibit "B" 2, shows that there have been sold during the

# Sales of Public Lands.

year ending September 30, 1894, 120 acres of University lands for \$306.49. Of this sum the state received as principal and other charges \$158.49, interest charges \$4.04, leaving a balance due the state of \$148.00, upon which the state receives 7 per centum interest.

# SALES OF AGRICULTURAL COLLEGE LANDS.

Exhibit "C" 1, shows that there have been sold during the year ending September 30, 1893, 240.00 acres of Agricultural College lands for \$387.20, of which the state received as principal and other charges \$200.20, and interest charges \$1.80, leaving a balance due the state of \$187.00, upon which the state receives 7 per centum interest.

Exhibit "C" 2, shows sales during the year ending September 30, 1894, to be 440 acres, sold for \$516.55, of which the state received as principal and other charges \$100.55, and interest charges 88 cents, leaving a balance due the state of \$416.00, upon which the state receives 7 per centum interest.

#### SALE OF MARATHON COUNTY LANDS.

Exhibit "D" 1, shows that there have been sold during the year ending September 30, 1893, 80 acres of Marathon county lands for \$60.00.

Exhibit "D" 2, shows sales during the year ending September 30, 1894, to be 76.20 acres, for which the state received \$57.15.

#### SALES OF NORMAL SCHOOL LANDS.

Exhibit "F" 1, shows that there have been sold during the year ending September 30, 1893, 15,968.24 acres of Normal school lands for the sum of \$21,907.28. Of this amount the state received as principal and other charges \$21,907.28.

Exhibit "F" 2, shows sales during the year ending September 30, 1894, to be 10,124.52 acres for \$13,797.40. Of this amount the state received as principal and other charges

# Sales of Public Lands.

\$13,103.36, interest charges \$7.73, leaving a balance due of \$694.00, upon which the state receives 7 per centum interest.

#### SALES OF DRAINAGE LANDS.

Exhibit "G" 1, shows that there have been sold during the year ending September 30, 1893, 16,635.28 acres of drainage lands for the sum of \$22,396.94, and sold during the year ending September 30, 1894, as shown by Exhibit "G" 2, 11,159.73 acres for the sum of \$14,782.02. The proceeds from the sale of these lands have been apportioned in accordance with law to the several counties wherein the lands so sold lie, and as shown in Exibits "H" "1" and "2."

#### SALES OF INDEMNITY LANDS.

The lands known as Indemnity lands are the lands which the state received as indemnity and selected in lieu of Swamp lands, located by United States land warrants. Exhibit "E" 1, shows that there have been sold during the year ending September 30, 1893, 5,106.29 acres for the sum of \$15,318.87, and sold during the year ending September 30, 1894, as shown by Exhibit "E" 2, 2,468.77 acres for the sum of \$7,405.21.

The proceeds from all sales of these lands have been apportioned in accordance with chapter 340, laws 1889. Exhibit "I" 1, shows the apportionment of \$7,659.43, being 50 per cent. of the amount received for the year ending September 30. 1893. Exhibit "I" 2, shows \$3,702.60, the amount for the year ending September 30, 1894.

# Prices and Terms of Sale.

#### SUMMARY.

The following table shows the aggregate sales of lands during the fiscal term ending September 30, 1894:

CLASS OF LANDS.	No. of acres sold.	Amount sold for.
School University Agricultural College Marathon County Normal School Drainage Indemnity  Total	200.00 680.00 156.20 26,092.76 27,795.01 7,575.06	<del></del>

#### PRICES AND TERMS OF SALE OF STATE LANDS.

Lands held by the state are subject to sale at private entry, after having been offered at public auction, on the following terms: The School, University and Agricultural College lands are sold on ten year's time; 25 per cent. of the purchase money, interest on the 75 per cent. remaining unpaid, at the rate of 7 per cent. per annum, from the date of purchase to the first of January following, and the certificate fee of fifty cents for each forty acre tract, being required in cash; interest-thereafter at 7 per cent. per annum, payable annually in advance. The Normal School and Drainage (Swamp), and Marathon county lands are sold for cash. The prices range as follows:

School lands from	<b>8</b> 1	00	to	<b>8</b> 1	<b>2</b> 5	per	acre.
University lands from	2	00	to	8	00	per	acre.
Agricultural College lands				1	25	per	acre.
Normal School lands (swamp) from		<b>5</b> 0	to	3	00	per	acre.
Drainage lands (swamp) from		50	to	3	00	per	acre.
Marathon county lands					<b>7</b> 5	per	acre.

# Lands Held by the State.

Section 3, chapter 332, laws of 1883, provides that any lands the state owns may be entered by actual settlers at \$1.25 per acre, in quantities not exceeding two hundred acres, under such rules, requirements, restrictions, conditions and provisions as the commissioners of public lands may establish, to be approved by the governor.

#### THE LANDS HELD BY THE STATE.

Exhibit "M" shows the number of acres of land in the several counties held in trust by the state and subject to sale.

There are also included in Exhibit "M," 55,932.75 acres reserved, under chapter 324 of the laws of 1878, for a state park in Oneida county, and are therefore not subject to entry.

The following table shows the number acres of land held by the state, and the classification thereof, on the 30th day of September, 1894:

	CLASS OF LANDS	Acres.
Agricultural Col	lege	
Drainage	У	230,438.55 1,036.86
-		

# Due on Certificates.

# FORFEITURES OF STATE LANDS.

Exhibit "J" 1-2, shows the number of acres of lands held on certificates in the several counties, and the amounts due that were forfeited for the non-payment of interest during the fiscal years, and in Exhibit "J" 2, will be found the forfeiture of individual loans in Crawford, Jackson and Waupaca counties amounting to \$1,200.00, which is also included in the following summary statement:

Funds.	Acres.	Amounts.
School	1,398 20 660.00 471.72 120.00	1,336 (0 2,741 00 589 00 229 00

# DUE ON CERTIFICATES.

The following table shows the amounts due the several funds upon lands held on certificates:

Funds.	Due September 30, 1894.
School University Agricultural College Normal School Drainage	\$104,988 34 10,813 00 61,336 00 12,680 50 2,075 00
Total	<b>\$</b> 191,892 84

#### Loans.

This statement, compared with same in former reports, shows a large and continuous decrease of principal and income from this source, which is accounted for by the increase of full payments on outstanding certificates and fewer purchases of lands on contract.

#### LOANS TO SCHOOL DISTRICTS.

Exhibit "K" shows the amount of new loans made to school districts during the fiscal term amounting to \$226,720.00.

The following summary shows the changes in each fund:

Funds.	Outstandi'g September 30, 1892.	Increased by new loans.	Decreased by pay- ments.	Outstandi'g September 30, 1894.		
School	\$224,285 76 316 58 2,324 97		316 58			
Total	<b>\$</b> 226,927 31	<b>\$226,720 00</b>	<b>\$94,733</b> 60	<b>\$358,913</b> 71		

#### LOANS TO INDIVIDUALS.

Exhibit "L" shows the amount due the trust funds September 30, 1894, on account of loans to individuals to be \$19,686.44, and showing a decrease by payments during the fiscal term of \$3,127.00, and by forfeitures, \$1,200.00.

No loans to individuals have been made since 1865, and the amount is gradually diminishing by payments and forfeitures, as shown in the exhibit.

# Investments.

# NEW INVESTMENT OF TRUST FUNDS.

The following statement shows the investments of Trust Funds during the fiscal term ending September 30, 1894, to be \$558,520.00:

School Fund.		
	2002 500	_
Loans to school districts		g
Loan to City of Neenah		g
Loan to City of Green Bay		Q
Loan to Winnebago county		<u> </u>
Loan to City of Menasha		0
Loan to Oneida county	30,000 00	
Loan to City of Oconto		0
Loan to City of Chippewa Falls	15,000 0	0
Total		\$360,720 00
AGBICULTURAL COLLEGE FUND.		
Loan to Manitowoc county	<b>\$19,000 0</b> 0	ol
Loan to Winnebago county	4,000 00	o¦
Loan to Town of Colburn, Chippewa county.	2,000 ((	0
Loan to City of Waupaca	7.000 00	0'
Loan to City of WaupacaLoan to Town of Minong, Washburn county	2,000 0	0'
Loan to Town of Day, Marathon county	1,400 0	o¦
		-
Total		<b>\$35,400 00</b>
University Fund.		
Loan to Winnebago county	#8 000 O	ار
Loan to Village of Thorp, Clark county,	4,000 0	o' 
Loan to town of Florence, Florence county	2,000 0	<u> </u>
Loan to Board of Education, Town and City of	2,000 0	1
Ripon	2 500 0	$\mathbf{p}_1^{l}$
Ripon	2,000 0	-
Total		\$16,500 00
NORMAL SCHOOL FUND.		
Loan to Winnebago county	\$14 000 O	n
Loan to Village of Boyd, Chippewo county	3 UUU U	)   
Loan to Town of Pine River, Lincoln county	1 500 0	٠٠٠٠٠ الم
Loan to Board of Education, City of Madison.	1,000 0	ή·····
Loan to Washburn county	10.000.00	) 
Loan to Lincoln country	10,000 0	ó
Loan to Lincoln countyLoan to Board of Education, City of White-	10,000 00	/
water	10,000 0	o¦
Loan to Chippewa county	17 000 0	٠٠٠٠٠
Loan to Village of Bloomer, Chippewa county.	4 500 O	o¦
Loan to City of Cumberland	5 UNA N	0
LOGIT to Oity of Outhorisation		.1
Total		<b>\$145,900 00</b>

# Non-Productive Trust Funds.

#### THE NON-PRODUCTIVE TRUST FUNDS.

The non-productive capital of the several funds consists of the lands which have been offered for sale and are unsold, and cash in the treasury. School lands are estimated at the average price of \$1.10 per acre; University lands, \$2.50; Agricultural College, \$1.25; Normal School, at \$1.40; Drainage lands, at \$1.30, and Indemnity, at \$3.00.

The following is an exhibit of the Non-productive Trust Funds, September 30, 1894, compared with the figures for September 30, 1892:

Funds.	Estimated value of lands Sept. 80, 1894.	Estimated value of lands Sept. 30, 1892.	Cash in state treas- ury Sept. 80, 1891.	Cash in state treas- ury Sept. 30, 1892.	Aggregate, 1892,	Aggregate, 1894.
School	\$59,789 84 298,076 67 208 84 2,348 50 299,570 01 118,670 48	885, 03 58	8,551 80	11,887 50 11,264 49 1,361 42 86,845 87	846, 494 03 12, 418 32 4,209 92 492, 548 95	806, 625 47 208 54 2, 348 50
Total	\$788,658 90	\$978, 482 91	\$22,590 0	\$119, 488 84	\$997,915 25	\$800, 248 98

EXHIBIT No. 1.

The foregoing estimate of the value of lands held by the state takes into account the same lands taken into this account in the former reports, which also includes 55,932.75 acres reserved under chapter 324, laws of 1878, for a state park in the county of Oneida.

Respectfully submitted,

T. J. CUNNINGHAM, Secretary of State,
 JOHN HUNNER, State Treasurer,
 JAMES L. O'CONNER, Attorney General,
 Commissioners of the Public Lands.

# Official:

W. H. CANON,

Chief Clerk of the Department of the Public Lands.

# Sales of School Lands, 1893.

EXHIBIT A 1 — Sales of School Lands for the year ending September 30th, 1893.

Counties.	No. of acres.	Amoun sold for		Principaid.		Int. paid			D'pos't paid.	Balance due.
Adams	373.14	<b>\$</b> 365	94	<b>8</b> 131	07	<b>\$</b> 6	13	<b>839</b> 87		<b>\$</b> 195 00
Ashland	120.00		58	7	77		21	50 81		111 00
Barron	400.00		22	28	35		20		8328 72	
Bayfield	320.00		48	124	48	11				160 00
Buffalo	80.00		29		80			13 49		100 00
Burnett	400.00		05	44	34		45	83 13		235 00
Chippewa	40.00		00	3	15		<u> </u>	10 7		
Clark	240.00	260	70		40		98	10 30		-56 00
Columbia .	16.84		34	10	32	1 3	73			71 00
Douglas	320.00	278	81	16	03	ľ	45	33 78		229 00
Dunn	120.00		20	10	38	3	10	26 8		100 00
Eau Claire	240.00		94	50			27	51 8		153 00
Forest	840.00		06	511	18	15	38	11 89		518 00
Gr'n Lake.	80.00	589	60	119	00	27	58	28 60	0	442 00
Jackson	541.88	713	69	413	97	4	19	68 79	2	231 00
Juneau	200.00	223	33	89	50	1	58	29 8	3	104 00
Jefferson	40.00	66	60	3	64	ļ	10	10 9	3	52 00
Lincoln	80.00	127	00	5	18	l	14	11 60	36 22	74 00
Marinette.	549.88	697	69	622	24		96	11 4	5	64 00
Monroe	40.00	39	38	7	80	1	17	2 5	3	29 00
Oconto	80.00	100	00	100	00	<b></b> .			.	1
Oneida	382,70	478	37	295	77	5	74	l	. 1	183 00
Pierce	40.00	85	00	¦ 3	<b>52</b>		10	4 4	5 ₁ 6 73	50 30
Price	400.00	500	00	500	00				.]	1
Polk	80.00		36	25	54		28			54 00
Richland	40.00	45	70		31		06	10 3	9	33 00
St. Croix	40.00	100	00		52		10			
Shawano	120.00		76		60		16			
Vernon	80.00		98	61	32		57			46 00
Washburn.	1,094.95		52		45		73			
Waupaca.	40.00		10		87		05			27 00
Waushara.	120.00		60				73	16 9	5∤	J 107 00
Wood	280.00	382	<b>46</b>	382	46	<u> </u>	• • •	·····		
Total	7,879.39	\$10,267	<b>7</b> 5	<b>\$</b> 4,313	40	<b>\$</b> 118	40	<b>\$</b> 688 1	1 8758 64	<b>\$4,</b> 507 <b>6</b> 0

# Sales of School Lands, 1894.

EXHIBIT A 2—Sales of School Lands for the year ending September 30th, 1894.

Counties	No. of acres.	Amount sold for.	Princip'l paid.	Int. paid.	Other ch'rges paid.	Balance due.
Adams Ashland Bayfield Burnett Buffalo Clark Douglas Dunn Eau Claire. Forest Jackson Juneau Juneau Langlade La Crosse. Marinette Monroe Marathon Oconto Oneida Outagamie Portage Price Sawyer Vernon Vilas Washburn Waupaca Washburn Waupaca Wash'gton,	520.00 40.00 972.60 196.68 40.00 80.00 160.00 120.00 40.00 436.95 80.00 360.00 360.00 360.00 240.00 40.00 40.00 40.00 40.00 545.38 40.00 60.00 240.00 191.00 545.38 40.00 545.38 40.00 545.38 40.00 40.00 711 lots	\$654 12 35 56 866 15 212 95 61 43 82 91 140 96 120 96 45 18 243 24 445 53 100 0 0 99 08 494 28 376 02 226 44 554 24 554 24 555 27 358 32 291 20 73 56 28 43 200 00 217 40 40 40 40 125 00	9 56 333 15 99 32 3 29 14 20 7 70 14 09 53 50 2 59 33 20 54 36 100 00 82 37 87 60 52 54 88 93 340 85 50 00 3 57 95 36 216 20 3 64	62 5 51 1 11 1 1 1 1 1 1 1 1 2 1 2 1 1 2 8 1 1 1 1	14 63 11 14 7 71 23 26 16 89 12 30 5 59 18 04	\$483 00 26 00 533 00 99 00 47 00 61 00 90 00 37 00 182 00 327 00 120 00 114 00 51 00 229 00 75 00 52 00
Wood	200.00 5,902.61	258 89	\$2,336 24	26	23 84 ——— \$606 86	 180 00 \$3,580 00

# Sales of University Lands.

EXHIBIT B 1 — Sales of University Lands for the year ending September 30th, 1893.

Counties.	No. of acres.	Amount sold for.	Princip'l paid.	Int. paid.	Other ch'rges paid.	Balance due.
Eau Claire Tr'mpeal'u	40.00 40.00					 \$82 00 90 00
Total	80.00	<b>\$2</b> 31 70	<b>\$</b> 59 70	<b>\$</b> 5 92		 \$172 00

Exhibit B 2 — Sales of University Lands for the year ending September 30th, 1894.

COUNTY.	No. of acres.	Amount sold for.	Princip'l paid.	Int. paid.	Other ch'rges paid.	D'pos't paid.	Balance due.
Pierce	120.00	<b>\$</b> 306 <b>4</b> 9	<b>\$139 95</b>	<b>\$4</b> 04	<b>\$</b> 18 54		<b>\$14</b> 8 <b>0</b> 0
Total	120.00	<b>\$306 49</b>	<b>\$</b> 139 95	<b>\$4</b> 04	<b>\$</b> 18 54		\$148 00

# Sales of Agricultural College Lands.

EXHIBIT C 1 — Sales of Agricultural College Lands for the year ending September 30th, 1893.

Counties.	No. of acres.	Amount sold for.			Other ch'rges paid.		Balance due.
Polk Shawano	120.00 120.00			\$1 66 14	\$32 05 5 98	\$64 86 34 84	\$113 00 74 00
Total	240.00	<b>\$</b> 387 20	<b>\$</b> 62 47	<b>\$1</b> 80	<b>\$38 03</b>	<b>8</b> 99 70	\$187 00

Exhibit C 2 — Sales of Agricultural College Lands for the year ending September 30th, 1894.

Counties.	No. of acres.	Amount sold for.	Princip'l paid.		Other ch'rges paid.	Balance due.
Oconto Polk Shawano	40.00 40.00 360.00	45 03	2 59	08	5 <del>1</del> 4	 \$37 00 36 00 342 00
Total	440.00	<b>\$</b> 516 55	<b>\$</b> 29 12	\$ 88	<b>8</b> 71 <b>4</b> 3	 \$416 <b>0</b> 0

# Sales of Marathon County Lands.

Exhibit D 1 — Sales of Marathon County Lands for the year ending September 30th, 1893.

COUNTY.	No. of acres.	Amount sold for.	Principal paid.
Marathon	80.00	<b>\$60 00</b>	<b>\$</b> 60 00
Total	80.00	. \$60 00	\$60 00

EXHIBIT D2 — Sales of Marathon County Lands for the year ending September 30th, 1894.

COUNTY.	No. of acres.	Amount sold for.	Principal paid.
Marathon	76.20	<b>\$</b> 57 15	<b>\$</b> 57 15
Total	76.20	<b>\$</b> 57 15	<b>\$</b> 57 15

# Sales of Indemnity Lands.

EXHIBIT E 1 — Sales of Indemnity Lands for the year ending September 30th, 1893.

Counties.	No. of acres.	Amount sold for.	Principal paid.
Chippewa Forest Marinette Oconto Oneida Taylor	329.90 80.00 280.0	\$12,289 17 240 00 989 70 240 00 840 00 720 00	240 00
Total	5,106.29	<b>\$15,318</b> 87	\$15,318 87

EXHIBIT E 2 — Sales of Indemnity Lands for the year ending September 30th, 1894.

Counties.	No. of acres.	Amount sold for.	Principal paid.
Chippewa Forest Lincoln Marinette Oneida Sawyer Taylor Total	178.00 429.30 119.50 92.75 1,092.93	1,287 90 358 50 277 25 3,278 79 600 00	534 00 1,287 90 358 50 277 25 3,278 78 600 00

# Sales of Normal School Lands, 1893.

Exhibit F 1 — Sales of Normal School Lands for the year ending September 30, 1893.

Counties.	No. of acres.	Amount sold for.	Princip'l paid.	Int. paid.	Other ch'rges paid.		Balance due.
Ashland	160.00	<b>8</b> 270 00	<b>\$270 00</b>				
Ashland Barron	46.00					• • • • • • •	• • • • • • • •
Bayfield	560.00					• • • • • • •	• • • • • • • •
Burnett	80.00	150 00	,	••••	•••••	• • • • • •	• • • • • • • • •
Chippewa.	870.32				•••••	• • • • • • •	
Clark	676.49			••••		••••	
Crawford	54.35				••••	•••••	••••
Dodge	40.00	,	-,				
Door	57.10		1		815 44		•••••
Douglas	602.49		1		V10 11		
Florence	398.00					•••••	
Forest	2,233,44					• • • • • • • • • • • • • • • • • • • •	
Iron	95.00					• • • • • • •	• • • • • • • • •
Jackson	80.00		1 :-				•••••
Juneau	40.00						• • • • • • • • •
Langlade .	3,201,24				1		
Lincoln	720.00				1	••••	
Marathon .	160.00		1 - ,				••••••
Marinette.	201.05						
Marquette.	202.00	120					
Monroe	120.00	154 02	114 12	• • • • • • • • • • • • • • • • • • •	9 90		
Oconto	280.00						
Oneida	1,889.68						
Polk	80.00						
Portage	182.55	160 33			3 42		
Price	1.546.88	2.073 60					
Sawyer	156.18	265 23					
Shawano	396.28				19 70		
Taylor	235.93	427 79					
Vernon	42.14	61 54	60 65		89		
Vilas	160.00	200 00	200 00		l		
Washburn.	520.00				l		
Waupaca	42.79	128 37	128 37				
Wood	48.33	24 17	24 17				
Total	15,968.24	<b>\$21,907</b> 28	<b>\$21,878 52</b>		\$28 76		•••••

# Sales of Normal School Lands, 1994.

EXHIBIT F 2 — Sales of Normal School Lands for the year ending September 30th, 1894.

Counties.	No. of acres.	Amount sold for.	Princip'l paid.	Int. paid.	Other ch'rges paid.	D'pos't paid.	Balance due.
Adams	40.00	<b>850 0</b> 0	250 00				
Ashland	117.06	146 33			• • • • • •		• • • • • • • • • •
Barron	160.00	210 (0					••••
Bayfield	164.54	205 08					
Burnett	120.00	290 00				•••••	••••••
Chippewa.	120.00	200 00				• • • • • •	
Crawford .	531.10	929 92				• • • • • • •	· · · · · · · · · · · · · · · · · · ·
Douglas	117.21	146 51				• • • • • • •	••••
Florence	76.92	96 15		1		• • • • • • •	
Forest	704.43	1.020 54					
Grant	6.38	19 14			• • • • • •	•••••	
Jackson	184.58	185 76	,	., <i>.</i>	818 27		<b>860</b> 00
Juneau	80.00	114 40	1		10 90		\$00 W
La Crosse	40.00	120 00			10 90	• • • • • •	
Langlade .	404.76	653 72					
Lincoln	1,142.90			1			
Marathon	95.89	1,598 63 161 92			• • • • • •		
Marinette	559.97				140.01		• • • • • • • • • • • • • • • • • • • •
Monroe	80.00	506 18 90 82			46 21 3 92	• • • • • • •	
Marquette.	40.00	50 00			3 92	, · · · · · · ·	
Ocoris	722.59	994 09			44 82		401.0
Cneida	480.00	670 00			1		401 W
	511.72	501 76				• • • • • •	• • • • • • • • • • • • • • • • • • • •
Polk	~				22 98		
Portage	822.43				37 26	j • • • • • • •	• • • • • • • • • • • • • • • • • • • •
Price	1,525.57 236.83	1,976 97 436 04	-,				•   • • • • • • • •
Sawyer	320.00					• • • • • •	000 /
Shawano						• • • • • •	. 2080
Taylor	238.99 83.17						• • • • • • • • • • • • • • • • • • • •
Vernon					3 61	• • • • • •	
Vilas Washburn.	160.00 157.48	200 00					•   • • • • • • • •
		262 44					
Waushara .	40.00	120 00			! • • • • • •		ه نون ا
Washi'gton	40.00	<b>35</b> 00	10 00	1 50	¦		. 250
Total	10,124.52	\$13,797 40	\$1,288 92	<b>\$</b> 7 73	\$222 48		. \$694 0

# Sales of Drainage Lands, 1893.

Exhibit G 1 – Sales of Drainage Lands for the year ending September 30th, 1893.

Company	No effected	A = = = = = = +	Deim simal	Other
Counties.	No. of acres.	Amount sold for.	Principal	charges
		sold for.	paid.	paid.
Ashland	356.89	<b>\$65</b> 6 l1	<b>2</b> 656 11	
Bayfield	969.90	1,492 39	1,492 29	
Buffalo	80.00	66 53	<b>΄60 00</b>	<b>\$</b> 6 53
Burnett	328.80	<b>3</b> 58 88	358 88	
Chippewa	650.91	618 18	618 18	
Douglas	680 00	1,060 00	1,060 00	 
Florence	268.00	405 00	405 00	
Forest	2,526.67	3,158 33	3,158 33	
Iron	40.00	50 00	50 00	
Jefferson	37.20	111 60	116 60	
La Crosse	282.07	282 37	272 98	9 39
Langlade	3,159.09	4,158 87	4,158 87	
Lincoln	1,045.76	1,788 98	1,788 98	
Marinette	543.15	461 27	427 36	33 91
Oconto	160.00	340 00	340 00	<i>.</i>
Oneida	2,551.52	3,472 20	3,472 20	<b></b>
Pepin				
Polk	40.00	50 00	50 00	
Portage	240.87	372 68	360 66	12 02
Price	1,507.28	2,053 26	2,053 26	
Sawyer				
Shawano	40.00	120 00	120 00	· • • • • • • • • • • • • • • • • • • •
Taylor	280.00	350 00	350 00	
Trempealeau	51.45	38 59	38 59	• • • • • • • • • • • •
Vernon	40.00	30 -00	30 00	
Vilas	120.00	150 00	150 00	····
Washburn	440.00	550 00 93 36	550 00 48 15	AE 01
Waushara	40.00	93 36 56 79	1 48 15 56 79	45 21
Winnebago	75.72 80.00	50 79 51 55	43 09	
Wood	80.00	91 99	4.5 09	o 40
Total	16,635.28	\$22,396 94	<b>\$22,281 42</b>	<b>\$</b> 115 52

# Sales of Drainage Lands for 1894.

EXHIBIT G 2- Sales of Drainage Lands for the year ending September 30th, 1894.

Counties.	No. of acres.	Amount sold for.	Principal paid.	Other charges paid.
A 3	40,00	<b>\$</b> 50 00	<b>8</b> 50 00	
Adams	248.20	380 25	380 25	
Ashland	280.00	230 00	230 00	• • • • • • • • • • • • • • • • • • • •
Barron	40.00	50 00	50 0 v	• • • • • • • • • • • • • • • • • • • •
Burnett	320.00	522 58	522 58	
Buffalo	56.10	42 08	42 08	
Chippewa	40.00	120 00	120 00	· · · · · · · · · · · · · · · · · · ·
Crawford	471.04	720 08	720 08	
Douglas	40.00	50 00	50 00	
Florence	77.08	96 35	96 35	
Forest	1.004.19	1,375 23	1.375 23	•••••
Grant	.87	2 61	2 61	
Green Lake	40.00	120 00	120 00	
Iron	40.00	50 00	50 00	
Jackson	80.00	140 00	140 00	
Juneau	120.00	150 63	150 63	
LaCrosse	320.75	462 25	462 26	
Langlade	443.51	770 53	770 53	
Lincoln	1.100.36	1,582 65	1.582 65	
Marinette	1.064.38	1,152 45	1,075 01	877 44
Monroe	200.00	218 89	200 00	18 89
Oconto	40.00	120 00	120 00	
Oneida:	520.00 ¹	650 00	650 00	
Polk	80.00	82 03	80 00	2 03
Portage	1,644.61	1,282 00	1,254 40	27 60
Price	1,684.79	2,105 99	2,105 99	. <b></b>
Pepin	94.37	141 87	118 94	22 9
Sauk	40.00	35 67	30 00	5 67
Sawyer	240.00	350 00	350 00	
Shawano	80.00	<b>24</b> 0 00	240 00	
Taylor	203.33	254 15	254 15	
Trempealeau	28.28	38 97	34 24	4 7
Vernon	357.95	307 58	297 20	10 3
Vilas	120.00	220 (0	220 00	
Washburn	320.00	470 00	470 10	
Waupaca	87.75	61 56	43 88	17 6
Waushara	91.31	115 62	89 92	
Wood	40.00	20 00	20 00	
Total	11,159.73	\$14,782 02	\$14,568 97	<b>\$213</b> 00

# Drainage Moneys, 1893.

EXHIBIT H 1 — Statement of Drainage Moneys received for the year ending September 30th, 1893.

Counties.	Amount of sales.	Total dues p'd	Interest	Tax penalty.	Am't due counties.
			<u> </u>		
Ashland	<b>\$</b> 656 11		 	 	<b>\$656 11</b>
Bayfield	1,492 39				1,492 39
Buffalo		¦	<b>\$6</b> 58		66 58
Burnett	358 88			. <i></i>	<b>358 88</b>
Chippewa	618 18				618 18
Dane		1	39 34		39 34
Douglas	1,060 00		· · · · <u>· · · · ·</u>		1,060 00
Eau Claire			3 15	[	3 15
Florence	405 00				405 00
Forest	3,158 36	;			3,158 36
Green Lake			4 41	ļ	_4 41
Iron	50 00	1			50 00
Jefferson	111 60				111 60
LaCrosse	272 98			1	272 98
Langlade				· · · · · · ·	4,158 87
Lincoln	1,788 98	1			1,788 98
Manitowoo			2 52		2 52
Marinette	427 36	3			427 36
Marquette		<b>\$90 0</b> 0			124 16
Oconto	340 00			• • • • • • •	340 00
Oneida					3,472 20
Polk	50 00				50 00
Portage	360 66	§			360 66
Price		<u> </u>			2,053 26
Shawano	120 00				120 00
Taylor	j 350 00				350 00
Trempealeau	38 59				60 04
Vernon	30 00				30 00
Vilas	150 00				150 00
Washburn	550 00	,			550 00 12 60
Waukesha	••••••				6 58
Waupaca					54 48
Waushara	48 15				79 89
Winnebago	56 79		23 10		43 0
Wood	43 0				23 U
Total	\$22,281 45	\$108 00	<b>\$142 1</b> 9		\$22,531 64

# Drainage Moneys, 1894.

Exhibit H 2 — Statement of Drainage Moneys received for the year ending September 30th, 1894.

COUNTIES.	Sales.	Dues.	Interest.	Am't due counties.
Adams				<b>\$</b> 50 00
Ashland	380 28			380 25
Barron	230 00	,	·	230 : 0
Bayfield	50 00			50 00
Buffalo	42 08			48 66
Burnett				522 58
Crawford	720 08		,	720 08
Chippewa	120 00			120 00
Dane	***********	<b>\$</b> 115 00		180 81
Douglas	50 00	1	9 15	50 00
Eau Claire	06 95		3 15	3 15
Florence	96 35 1,375 23		. • • • • • • • • • • • •	96 35 1,375 23
	2 61			2 61
GrantGreen Lake	120 00			124 41
Iron				50 00
Jackson	140 00			140 00
Juneau	150 63	1		150 63
LaCrosse	462 25			462 25
Langlade	770 53			770 53
Lincoln	1,582 65			1,582 65
Manitowoc	1,002 00			2 52
Marinette	1,075 01			1,075 01
Marquette	_,			39 41
Monroe	200 00			200 00
Oconto	120 00			120 00
Oneida				650 00
Pepin	118 94		<i></i>	118 94
Polk	80 00			80 W
Portage	1,254 40		140 00	1,255 80
Price	2,105 99			2,105 99
Sawyer	350 00			350 00
Shawano	240 00	• • • • • • • • • • • • •		240 00
Sauk	30 00			30 00
Taylor	254 15			254 15
Trempealeau	34 24		2 94	37 18
Vernon	297 20		· · · · · · · · · · · · · · · · · · ·	297 20
Vilas	220 00			220 00
Washburn	470 00	• • • • • • • • • • • • • • • • • • • •		470 00
Waukesha	49 00	• • • • • • • • • • • • • • • • • • • •	12 60	12 60 50 19
Waupaca	43 88	• • • • • • • • • • • • • • • • • • • •	6 30	50 18
Waushara	89 92	• • • • • • • • • • • • • • • • • • • •		93 07 23 10
Winnebago Wood	20 00	• • • • • • • • • • • • • • • • • • • •	23 10	20 (4)
W 0001	20 00			20 (10)
Total	\$14,568 37	\$115 00	\$171 37	\$14,855 34

# Apportionment of Drainage Moneys, 1893.

EXHIBIT I 1—Apportionment of Drainage Moneys in accordance with Chapter 340, Laws of 1889, showing the amount due the several counties for the fiscal year ending September 30th, 1893.

COUNTIES.	No. of acres selected.	Am't due counties.
A 3	1 707 00	<b>9</b> 100 10
Adams	1,707.23 181.24	<b>\$</b> 186 12
Ashland,	160.(0	19 74 17 42
Barron	67.70	7 36
Bayfield	720.00	78 48
Buffalo	3.105.26	388 54
Burnett	360.00	40 32
Calumet	177.57	19 34
Chippewa.	1.424.76	155 32
Clark	1,280.00	139 54
Columbia	2.248.70	245 13
Crawford	1.620.54	176 67
Dane	1.796.66	195 87
Dodge	2,133.87	232 63
Door	1,133.73	123 59
Douglas	339.96	37 04
Dunn	6,145,66	670 04
Eau Claire		139 76
Fond du Lac	760.00	82 84
Grant		4 06
Green	360.00	39 23
Green Lake	453.75	49 45
Jackson	1,050,79	114 55
Jefferson	1,360.00	148 28
Juneau	1,247.33	135 97
Kenosha	80.00	8 70
Kewaunee	515.02	56 13
La Crosse	4,035.42	43 / 96
Lincoln	121.38	13 21
Manitowoc	1,825.91	199 06
Marathon	1,679.71	183 12
Marinette	1,583.37	172 61
Marquette		179 04
Monroe	1,950.89	<b>212 6</b> 8
Oconto	2,069.70	225 64
Oneida	1,626.11	177 27
Pepin	1,775.20	198 53
Polk	360.18	39 25
Portage	1,067.60	116 38
Racine	40.00	4 35
Richland	1,261.29	137 50
Rock	756.22	82 43
Sauk	1,879.26	204 97
Shawano	1,242.10	135 40
Sheboygan	359.99	39 23

# Apportionment of Drainage Moneys, 1893.

EXHIBIT I 1 — Apportionment of Drainage Moneys — Continued.

COUNTIES.	No. of acres selected.	Am't due counties.
Frempealeau	861.56	893 9
Vernon		167 2
Walworth		143 3
Washington		74 2
Waukesha	80.00	8 70
Waupaca	4.722.50	514 8
Waushara		162 5
Winnebago		88 2
Wood	1,730.83	138 6
Total	70,250.84	87,659 4

# Apportionment of Drainage Moneys, 1894.

EXHIBIT I 2—Apportionment of Drainage Moneys in accordance with chapter 340, laws of 1889, showing the amounts due the several counties for the fiscal year ending September 30th, 1894.

	No. of acres	Am't due
COUNTIES.	selected.	counties.
Adams	1,707.23	<b></b>
Ashland	181.24	9 55
Barron	160.00	6 42
Bayfield	69.70	3 56
Brown	720.00	37 94
Ruffalo	3,105.26	164 64
Burnett	360.00	18 97
Calumet	177.57	9 35
Chippewa	1,424.76	<b>75 18</b>
Clark	1,280.00	67 45
Columbia	2,248.70	118 50
Crawford	1,620.54	85 40
Dane	1,796.66	94 68
Dodge	2,133.87	112 45
Door	1,133.73 339.96	59 74
Douglas	6,145.66	17 91 325 87
	1.282.02	68 56
Eau Claire Fond du Lac	760.00	40 05
Grant	37.30	2 56
Green	360.00	18 97
Green Lake	453.75	23 91
Jackson	1.050.79	55 87
Jefferson	1,360,00	71 67
Juneau	1.247.33	65 73
Kenosha	80.00	4 21
Kewaunee	515.02	27 14
La Crosse	4,035.42	212 66
Lincoln	121.38	6 <b>4</b> 0
Manitowoc	1,825.91	96 <b>22</b>
Marathon	1,679.71	88 52
Marinette	1,583.37	83 44
Marquette	1,642.32	85 54
Monroe	1,950.89	102 81
Oconto	2,069.70	109 19
Outagamie	1,626.11	85 79
Pepin	1,775.20	93 55
Polk	360.18	16 65
Portage	1,067.60	56 <b>26</b>
Racine	1 961 90	2 11
Richland	1,261.29 756.22	66 47 39 84
Rock	100,22	<b>39 84</b>

# Apportionment of Drainage Moneys, 1894.

EXHIBIT I 2 — Apportionment of Drainage Moneys — Continued.

Counties.	No. of acres selected.	Am't due counties.
Sauk Shawano Sheboygan Trempealeau Vernon Walworth Washington Waukesha Waupaca	861.56 1,535.22 1,315.08 680.88 80.00	99 04 65 46 18 97 45 40 80 85 69 30 35 88 4 21 249 87
Waushara Winnebago Wood	1,490.70 809.33 1,73 .83	78 56 42 65 91 21
Total	70,250.84	\$3,702 60

Exhibit J 1 — Forfeitures for the year ending September 30th, 1893.

		Forfeitures, 1893.
DRAINAGE HUND.	Dues.	\$50 00 126 00 278 00
DRAINAG	Асгев.	40.00 80.00 192.72 311.72
NORMAL FUND.	Dues.	\$5.00 60 00 80.00 60 00 240.00 301 00 80.00 88 00 420.00 \$1,725 00
NORMA	Асгев.	
COLLEGE FUND.	Dues.	\$37 00 342 00 4416 00
COLLEG	Acres.	40.10 40.00 369.57 409.57
University Fund.	Dues.	00 S38
UNIV	Acres.	40.00
SCHOOL FUND.	Dues.	40.00 \$45 00 120.00 110 00 160.00 110 00 80.00 60 00 160.00 104 00 40.00 52 00 80.00 52 00 80.00 471 00 400.00 471 00
SOHOO!	Acres.	40.00 120.00 120.00 40.00 80.00 40.00 40.00 40.00 40.00 1,240.00
	Coduties.	Adams Ashland Buffalo Burnett Crawford, individual loan Douglas Forest Jackson Jackson Juneau Langlade vanitowoc Outagamie Piere Piere Polk Shawano Waupaca Waupaca Wood Wood

Forfeitures, 1894.

Exhibit J 2 — Forfeitures for the near ending September 30th, 1894.

EXH	Exhibit J 2 — Forfeitures for the year enaing September 30th, 189s.	- rorjen	ures jor t	ne year e	naing Ser	nemoer 3	III, 1894.			
į	SCHOOL FUND.	FUND.	UNIVERSI FUND.	University Fond.	COLLEG	E FUND.	Normal	SCHOOL	COLLEGE FUND. NORMAL SCHOOL DRAINAGE FUND	B FUND.
Counties.	Acres.	Dues.	Асгев.	Dues.	Acres.	Dues.	Acres.	<b>Dues.</b>	Acres.	Dues.
	-									
Adams	40.00	88	:	:	:	:	:	:	:	:
Bawffeld	3.65 5.05 5.05	35	:::::::::::::::::::::::::::::::::::::::	:	:	:	:	:	:	:
Buffalo	40.00									
Burnett	200.00									
Chippewa	120.00	8	:	:	:	:	:	:	:	:
Columbia	41.90		:	:	:	:	:	:	:	:
Dane	00.08	38	:	:	:	:	:	:	:	:
Door	40.00									
Douglas	1,000.00	741			:					
Dunn	400.00	8			:	:	:	:	:	:
Eau Claire	40.00	57	-	:	:::::::::::::::::::::::::::::::::::::::	:	:	:	:	:::::::::::::::::::::::::::::::::::::::
Forest	317.55	88	:		:	Tradition	Traditional Box	0000	:	:
Junean	171.62	143				THOTA	1 0 T 1 0 T			
Langlade					80.00	874 00				
Lincoln	830.00					•				
Monroe	80.00	27 00		:	:	:	:	:		:
Oconto	:	:	:		40.00	90 98	120.00	170 00		
Pierce	₹0.70		80.00	\$164 00		:	:	:	:	:
Polk	40.00	ස		:	548.63	515 00			:	:
Portage Richland	34.75	200	:	:	:	:::::::::::::::::::::::::::::::::::::::		:	40.00	00 00 00 00 00 00 00 00 00 00 00 00 00
St. Croix	35	33	:	:	:	:::::::::::::::::::::::::::::::::::::::	:	:	:	:
Shawano	160.00	175 80	: ::				120.00	146 00		

Forfeitures, 1894.

	E FUND.	Dues.	\$115 00 \$135 00
	Drainag	Acres.	120.00 \$115 00
tinued.	COLLEGE FUND. NORMAL SCHOOL, DRAINAGE FUND.	Acres. Dues. Acres. Dues.	400.00 \$379 90 689.19 513 00 8301 00 Individ ual lan \$500 00 120.00 \$115 00 139.76 \$5,985 94 80.00 \$164 00 988.63 \$820 00 240.00 \$1,016 00 160.00 \$135 00
94 — Con	NORMAL	Acres.	ual l'an 240.00
r 30th, 18	E FUND.	<b>Dues.</b>	\$301 00 Individ
Septembe	COLLEG	Acres.	320.00
r ending	JNIVERSITT FUND.	Dues.	<b>\$</b> 164 00
r the yea	UNIVERS FUND.	Acres. Dues. Acres. Dues. Acres. Dues.	840.00 \$379 90 820.00 864.00 \$164 00 988.63
eitures fo	Всноог Ртир.	Dues.	400.00 \$379 90 689.19 513 00 840.00 721 00 6,139.76 \$5,985 94
2 - Forf	Всноог	Acres.	400.00 689.19 840.00 6,139.76
Exhibit J 2 — Forfeitures for the year ending September 30th, 1894 — Continued.		COUNTIES.	Taylor Vernon Washburn Waupaca Wood

EXHIBIT K.— Loans made to School Districts for the fiscal term ending September 30th, 1894.

Turtle Lake   Rarron   \$425 00 School	No.			Amount	R
Washburn   Bayfield   35,000 00   School   Iron River   Bayfield   30,000 00   School   Town of Bayfield   Bayfield   5,000 00   School   Normal   Town of Bayfield   Chippewa   400 00   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   Scho		Name of Town.	County.	Loaned.	Fund.
Washburn   Bayfield   35,000 00   School   Town of Bayfield   Bayfield   20,000 00   School   Town of Bayfield   Bayfield   5,000 00   Normil   Town of Bayfield   Chippewa   400 00   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School		Turtle Lake	Barron	\$425 00	School.
Iron River   Town of Bayfield   Bayfield   20,000 00   School. Town of Bayfield   Bayfield   5,000 00   School   Town of Bayfield   Bayfield   5,000 00   School   Town of Bayfield   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   Chippewa   400 00   School   400 00   School   400 00   School   400 00   School   400 00   School   400 00   School   400 00   School   400 00   School   400 00   School   400 00	•			35,000 00	
Town of Bayfield				80,000 00	School.
Town of Bayfield					
Sig Bend			Bayfield		
15	5		Chippewa		
Arthur	15				
Mayville   Brighton (Marathon Co.)   and Unity   2   2   2   2   2   2   2   2   2	10				
Joint 5   Brighton (Marathon Co.) and Unity   Clark   500 00 School	6	Arthur			
2	3	Mayville	Clark	800 00	School.
Pine Valley   Clark   1,500 00 School	Joint 5	Brighton (Marathon Co.)	a	050 00	0.11
Loyal	_				
Joint 1   Eaton, Warner and City on Greenwood.   Clark.   1,500 00   School.					
Doint 1   Eaton, Warner and City on Greenwood withee   Clark   500 00   School					
On Greenwood   Clark   500 00   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   Schoo			Clark	900 00	School.
Withee	Joint 1		Clark	1 500 00	Sabool
Hewitt					
Haney					
11   Madison   Dane   2,300 00   School			Crawford		
Middleton			Dane		
Springdale					
Total   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Co					
Egg Harbor   Door   500 00   School					
Douglas	- 1				
Nebagamain	~			1,200 00	School.
Joint 8   Stanton and Tiffany   Dunn   450 00   School				1,495 00	School.
Sherman	Joint 8	Stanton and Tiffany		450 00	School.
Elk Mound.   Dunn   500 00   School.				600 00	School.
Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   Colfax   C	- 1		Dunn	500 00	School.
Joint 4   Colfax,Grant,Otter Creek and Taintor.   Dunn   300 00   School.			Dunn	200 00	School.
A		Colfax, Grant, Otter Creek	1		
Stanton			Dunn		
Pleasant Valley	4	Colfax			
Teasan   Farrison   Farrison   Farrison   Russell   City of Merrill   Alma   Mossinee   Marathon   Tool on the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the farming the f	5	Stanton			
Joint   1	5	Pleasant Valley			
The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marinette   The color of Marine	4	Union	Eau Claire	900 00	School.
The color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the	Joint11	Perry (Dane Co.). York	-	B00 00	Qabaal
1   Northfield.   Jackson.   250 00   School.	_	(Green co.), and Moscow			
Joint 1   Armenia   Jefferson   1,000 00   School	• 1	Alma			
Armenia					
Armenia   Langlade   300 00   School			- 1		
Norwood   Langlade   500 00 School	- 1				
Joint 1   Mason (Iowa Co.), and   Hanchard					
Blanchard	!		Trenkierre	000 00	
Blaincaid   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School   School	Joint 1		La Favetta	700 OC	School.
Russell   Lincoln   560 00 School   City of Merrill   Lincoln   1,500 00 School   Amberg   Marinette   750 00 School   250 (00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260 00 School   260	اہ				
City of Merrill   Lincoln   1,500 00 School   Amberg   Marinette   750 00 School   13 Mossinee   Marathon   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School   250 (00 School	- 1				
Amberg	9	City of Marrill			
13 Mossinee Marathon 250 00 School	, 1				
10   21(00)1100   10   10   10   10   10   10	:			250 00	School
D. I THANKILLI THE BRICKING	5	Cleveland	Marathon	480 00	School.

EXHIBIT K.—Loans made to School Districts for the fiscal term ending September 30th, 1894.—Continued.

No. District.	Name of Town.	County.	Amount Loaned.	Fupd.
1	Kronen wetter	Marathon	<b>\$</b> 500 00	School.
Toint 0	Eau Plaine	Marathon	450 00	School.
Joint 6 Joint 8	Wein and Cassel	Marathon	545 00	School.
2	Harrison and Plover	Marathon	400 00	School.
รื	Granville	Marathon Milwaukee	850 00 400	School.
5	Wawatosa	Milwaukee	8,000	School.
2	Byron	Monroe	150	School.
Joint 8	Byron and Lincoln	Monroe	75	School.
6	Maple Valley	Oconto	1,000	School.
7	Little River	Oconto	400	School.
8	Oconto	Oconto	300	School.
1	Spruce	Oconto	400	School.
2	Pensaukee	Oconto	1,200	School.
2	City of Appleton	Outagamie	25,000	School.
1	Spring Lave	Pierce	600	School.
7 8	Trim Belle	Pierce	1,200	School.
2	Union	Pierce	1,300	School.
Joint 5	Georgetown	Polk	400	School.
JOHN 0	Lincoln and village of	Dalla	0.050	
4	Amery	Polk	2,850 550	School.
2	Johnston	Polk	700	School.
Joint 1	Almond, Oasis, Painfield	Polk	100	School.
	and Pine Grove	Portage	700	School
8	Carson	Portage	500	School.
11	Stockton	Portage	100	School.
6	Carson	Portage	400	School.
9	Ogema	Price	800	School.
Joint10	Woodland (Sauk Co.), and			
Joint 9	Westford	Richland	250	School.
T4 1 & 0	Forest.	Richland	2,345	School.
Jt.1&2	Springfield and Cady	St. Croix	500	School.
7	Spring Green	Sauk	1,500	School.
8	WittenbergAniwa	Shawano	850	School.
5	Hutchins	Shawano	8(0	School.
ž	Fairbanks	Shawano	880 4,000	School.
2	Wittenberg	Shawano	250	School.
5	Washington	Shawano	500	School.
1	Richmond.	Shawano	475	School.
8	Green Valley	Shawano	700	School.
8 1	Medford	Taylor	250 i	School.
Joint 1	Grover and Molitor	Taylor	400	School.
Joint 1	Pine Creek	Taylor	700	School.
	Medford and city of Med- ford	Terlor	4 800	Oak1
8	Grover	Taylor Taylor	4,500	School
ĭ	Lincoln	Trempealeau	4,000	School.
1	Sumner	Trempealean	1,100	School.
Joint 8	Glencoe (Buffalo Co ).and		1,100	-Caroni.
	Arcadia			

EXHIBIT K — Loans made to School Districts for the fiscal term encing September 30th, 1894.—Continued.

No. District.	Name of Town.	County.	Amount Loaned.	Fund.
Joint 8 Joint 1 7 Joint 9 8 1 Joint 8 4 5 oint 1	Sterling, Harmony and Jefferson	Vernon. Vernon. Vernon. Walworth. Washburn. Washburn. Washburn. Waupaca. Winnebago. Vilas. Vilas. Wood Wood	400 00 1,800 00 800 00 2,000 00 1,650 09 2,500 00 200 00 180 00 350 00 2,000 00 15,500 00 3,600 00	School. School. School. School. School. School. School. School. School. School. School.
			\$226,720 00	

EXHIBIT L.— Statement of the Trust Funds on account of loans made to individuals in the several counties, September 30th, 1894, compared with the amounts due September 30, 1892.

Counties.	Outstan Sept. 30,	ding 1892	Paid two	durin years	Forfeitur	es. Outstanding Sept. 30,1894
Adams	\$1.68	37 00		\$802 (	00	\$885 00
Brown			1			250 00
Chippewa	30	00				300 00
Columbia	2,45					
Crawford	50					
Dane	1,98	00 00	ıļ.	800 (	00	
<b>D</b> odge	94	00	·			
Fond du Lac				• • • • •		
Grant	88	5 00	i			
Green	30					
Green Lake	1,00	<b>10 0</b> 0				1,000 00
Iowa	3,84	9 24		800 (	00	3,049 24
Jackson	20	<b>10 0</b> 0			200	00
Jefferson			!			500 00
Juneau	55					
La Fayette	25	iO 00				250 00
Manitowoc	1,25	00 00			·	1,250 00
Marquette	1 6€			• • • • •		
Monroe						720 00
Outagamie		00 00		800 (	00	
Pepin	14					143 00
Pierce	18					
Portage		00 0			00	
Racine City	60					
Racine	60					
Richland	58					
Sauk	20					
Sheboygan	15			• • • • •		
Trempealeau	45			• • • • •		
Vernon	26		1			
Walworth	22		1		01	
Waupaca		W 00		600 (		
Waushara	75				0	
Winnebago $\dots$ .	30	0 00	1	300 (	ю	···¦ ·······
Total	\$24,01	8 44	\$3	,127 (	\$1,200	00 \$19,686 44

Lands Held by the State.

Statement of Lands held by the State September 30th, 1894.

School lands University lands.
40.28
157.42
829.28
:
•
• • • • • • • • • • • • • • • • • • • •

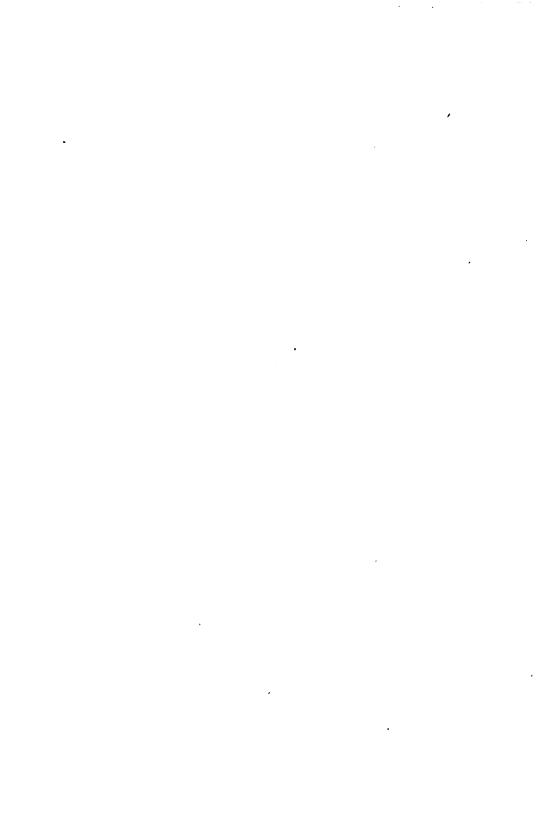
Lands Held by the State.

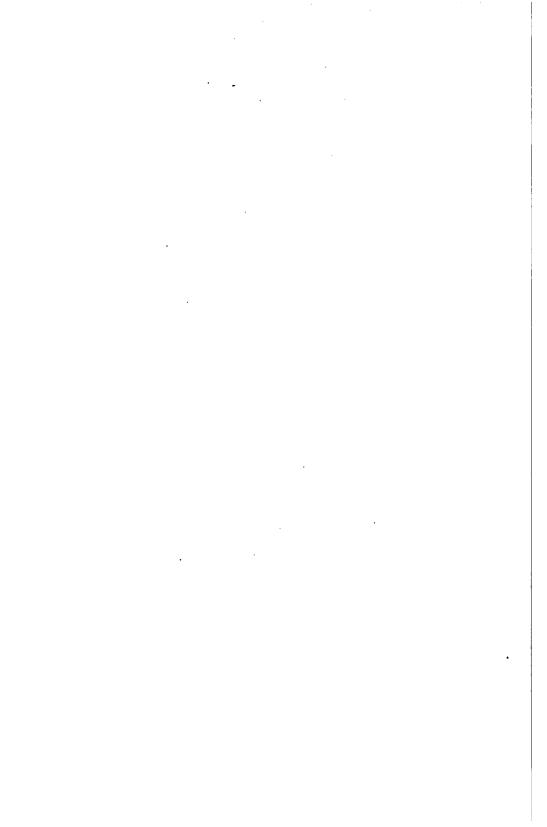
Counties.	School lands	University lands.	Agricultur- al college lands.	Normal School lands.	Drainage lands.	Marathon county lands.	Indemnity lands.	Total number acres
								97 07
Kewaunee	48.95		:	88 876	45.0% 0.0%			1 044 88
TA Favette	10.00				00.00			10.00
Langlade	240.00		40 00	7,280.13	6.565.28			14,075,41
Lincoln	872.95		117.64	•	12,172,26		6,191.78	81,027 00
Manitowoc		:	:					279.98
Marathon	280.00	40.00	:	3,950,44		1,036.88		5,916 96
Marinette	980.00			2,171.70		:::::::::::::::::::::::::::::::::::::::	9,334.80	16,686.41
Marquette	40.00			28.35	176 59			24 24
Monroe	1,441.96			1,443 90		:::::::::::::::::::::::::::::::::::::::		4.126 16
Oconto	940.88			6,957.52	2,204.78		440.00	10.542.52
Oneida	12,404 27	•••••••		43,587.86		• • • • • • • • • • • • • • • • • • • •	73.75 75.75	95,622,48
Outagamie	:			98.98	G.			10,154.19
Pepin		3.92		70.40	112.00	:::::::::::::::::::::::::::::::::::::::		08.69%
Pierce		: : : : : : : : : : : : : : : : : : : :	:::::::::::::::::::::::::::::::::::::::	87.17	•	:		102,77
Polk	1,600.00	:	:::::::::::::::::::::::::::::::::::::::	818.43		:::::::::::::::::::::::::::::::::::::::	:	8,164 80
Portage	90.09	268.27	:	4,254 84	9,549.41	:::::::::::::::::::::::::::::::::::::::		14,752 52
Price	841.78	:::::::::::::::::::::::::::::::::::::::		16,503.50	_	:	:	85,034.05
Richland	:			41.44				88.
Sauk	:	:::::::::::::::::::::::::::::::::::::::			88.00		:::::::::::::::::::::::::::::::::::::::	88.00
Sawyer	1,040 00	•••••••••••••••••••••••••••••••••••••••	:	4.556.91	5,568.29		5,278.64	16,441.83
Shawano	1,557.30	:		2,988.76	1,047.78			5,593.79
Shehoygan	:	:::::::::::::::::::::::::::::::::::::::	:::::::::::::::::::::::::::::::::::::::	40.00				40.00
Taylor	380.00		85.43	4,170.91	4,980.60	:::::::::::::::::::::::::::::::::::::::	3,942.80	18,489 74
Trempealeau			:		914.86			914 36
Vernon	1,807.78			1,864.30	2,282,25			4,654.88

Exhibit M.—Statement of Lands held by the State September 30th, 1894.—Continued.

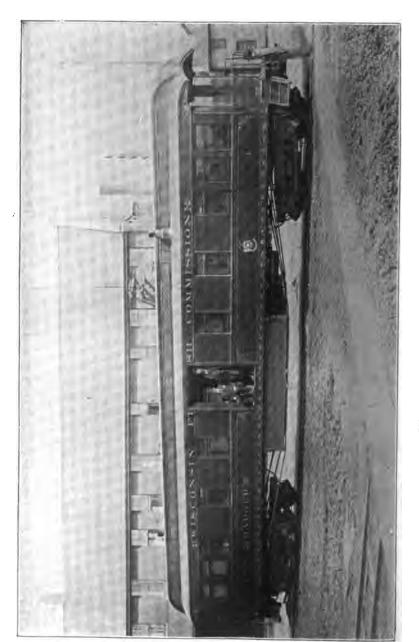
Lands Held by the State.

d.	Total number acres.	7,685.47 18,211.99 1,883.54 500.00 191.18 1,548.07	531,291.41
Exhibit M.—Statemeth of Lands held by the State September 30th, 1894 —Continued.	Indemnity lands.	635.47	036.88 87,890.16 531,291.41
30th, 1894	Marathon county lands.	8,509.00 6,828.75 1,289.16 100.00 191.18 766.29	-
September	Drainage lands.		230,438.52
y the State	Normal school lands.	3,521.00 6,264.96 344.38 120.00	248.07 212,911.91 230,488.52
ands held by	Agricultur. al college lands.	27. 26	243.07
emetn of L	School lands University Agricultur-lands.		989.40
т М. —Sta	School lands	, 989, C	47,831.47
EXHIB	Counties.	Vilas Washburn Waupaca. Waushara Winnebago	Total





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Wisconsin Fish Car "Badger."

# FIFTEENTH (SIXTH BIENNIAL) REPORT

OF THE

# Commissioners of Fisheries

AND

# State Fish and Game Warden

OF THE

STATE OF WISCONSIN.

1893=1894.



MADISON, WISCONSIN:

DEMOCRAT PRINTING COMPANY, STATE*PRINTER.

1895.

# COMMISSIONERS.

EDWIN E. BRYANT, President,	Madison.
CALVERT SPENSLEY, Secretary and Treasurer,	MINERAL POINT.
A. V. H. CARPENTER,	MILWAUKEE.
JAMES J. HOGAN	LA CROSSE.
GEORGE F. PEABODY,	APPLETON.
RICHARD VALENTINE	Janesville.
SUPERINTENDENT OF HATCHERIES.	
JAMES NEVIN,	Madison.

# LETTER OF TRANSMITTAL.

To the Honorable, the Legislature of the State of Wisconsin:

We have the honor to transmit herewith as required by law the report to the legislature of the transactions of the commissioners of fisheries for the fiscal years 1893 and 1894, an account in detail of their receipts and expenditures for that period and of the spawn and fish received and distributed, with time and place thereof, and such other matters as we have deemed proper.

Very respectfully,

EDWIN E. BRYANT, CALVERT SPENSLEY, A. V. H. CARPENTER, JAMES J. HOGAN, GEORGE F. PEABODY, RICHARD VALENTINE.

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# COMMISSIONER'S REPORT.

To the Honorable, the Legislature:

The commissioners of fisheries of the state of Wisconsin, complying with the law, present here following a report of their transactions for the two years ending September 30, 1894. The report contains:

First: -- A general statement of transactions.

Second:—A report of the World's Fair exhibit and the operations in preparing and maintaining it.

Third:—A statement of the distribution of fish from the hatcheries and the waters of the state.

Fourth:—A statement of appropriations and expenses of the several states permanently engaged in fish propagation and distribution.

Fifth:—Distribution of black bass and other bass, collected in the Mississippi river and elsewhere and planted in the inland lakes.

Sixth: -- Statements as to miscellaneous matters.

Seventh:—Recommendations and suggestions as to the increase of the usefulness of the work of the commission.

Eighth:—Recommendations as to legislation to secure the better protection and preservation of fish.

Ninth:—An appendix of statistics relating to the fish products of the state and other cognate matters.

### GENERAL STATEMENTS OF TRANSACTIONS.

The two years covered by this report have been years of increasing activity in the interest committed to the charge of the commissioners. As the beneficial results of stocking the waters of the state with fish artificially propagated become more apparent, the applications to the commission for distribution rapidly increase, taxing the capacity of production to its utmost. To

meet the demand no pains have been spared; and the utmost that could be accomplished with the means at hand has been done.

The commissioners feel justified in the statement that in no years of its existence have more results been accomplished for the lasting benefit of the state, by its labers, than in the period covered by this report. This is due to the fact that the facilities and skill in propagation and distribution have been increased. The fish car has proved of great value in the work, enabling the commission to inaugurate the work of transplanting live wild fish. This is due also to the further fact that the utmost economy and frugality have been exercised in the effort to accomplish the largest results attainable with the fund placed in charge of the commission.

### THE WORLD'S FAIR EXHIBIT.

The legislature in 1891 created a commission designated as the state board of world's fair managers of Wisconsin, whose duties were fully set forth in the act creating the commission. The sum of \$65,000 was appropriated to carry out the purposes of the act (chapter 433, laws of 1891). Of this sum, \$3,000 were by the commission set apart to enable the commissioners of fisheries to make an exhibit of the fish products of the state. Upon the assurance of this appropriation arrangements were made Contracts for aquariums were entered into; for an exhibit. and other needful preparations, so far as could be anticipated were made. The legislature in 1893 (chapter 140), increased the appropriation to the state board of the world's fair managers to \$100,000 additional, of which sum \$13,967 were primarily donated to the fisheries exhibit. The moneys were not placed in the hands of the commission, but their accounts for expenditures chargeable to this fund were first audited by the president of this commission and then presented to and audited and paid by the state board of world's fair managers. penses of the commissioners of fisheries, including the procurement of aquaria, the preparation of the exhibit, its superin-

tendence and maintenance from the opening to the close of the great exposition amounted to the sum of \$12,262.67, leaving a balance of \$1,704.33 to be applied by the managers in other directions. A considerable part of this amount was expended in the laborious work of keeping the aquaria supplied with specimens of the indigenous fish of Wisconsin waters. The water in the aquaria was of a higher temperature during the warmer months than the average temperature of our streams and lakes; and the fish on exhibition died rapidly, requiring constant effort, constant movement of the fish car, and the employment of skilled fishermen in various parts of the state during the months of the exposition to keep the supply adequate to a respectable exhibit.

While our exhibit, compared with that of the United States in the same building, evidenced the frugality which our appropriation imposed, our display of fish was a very attractive feature of the exposition. The constant throngs that crowded into the limited space (one thousand seven hundred and fifty-three square feet) set apart for the exhibit, gave abundant proof that it was not wanting in popular interest. The exhibit attracted profound interest in the circles of aquatic sportsmen, and those conversant with the artificial propagation of fish. The following correspondence is given as testimonial of the success of our exhibit:

### HON. JAMES NEVIN, Madison, Wis.

Dear Sir:—I improve the first opportunity after the close of the exposition to express to you, and through you to the fish commission and the people of the state of Wisconsin the appreciation I feel for the very excellent and instructive exhibit made by your state in my department.

Only those who have had to do with aquarial exhibits understand the difficulties which have to be surmounted in order to achieve anything like success. I deem it, therefore, very creditable to those who have been responsible for the installation and conduct of the Wisconsin exhibit, that it has merited and received commendation in all quarters, both as relates to method of installation and variety of specimens exhibited, and the remarkable fine quality of fish, many of which are worthy of special mention for their size and condition.

While I regret that the fishery exhibit of Wisconsin was not unified (the pearls having been very much misplaced by being installed in the department of Mines and Mining, to which they have no relation) nevertheless, I feel that no collection exhibited by the state

at the Columbian exposition has attracted so much attention as the live fish display, or has better shown to the American public the attractions which Wisconsin offers to every one who enters her borders.

In conclusion I beg to express to you personally, as well as to the various members of your commission whom I have had the honor and pleasure to meet, my deep appreciation of the uniform courtesy which I have always received from you and them. I also feel especially grateful for the zealous efforts which you have made to maintain an exhibit in my department, which reflects honor alike upon yourself, your state, and the department over which I have had the honor to preside.

Yours very truly,

J. W. COLLINS,
Chief Department of Fish and Fisheries.

Hon. Edwin E. Bryant, President Wisconsin Fi h Commission, Madison, Wis.

My Dear Sir:—I have the honor to acknowledge receipt of your esteemed favor of November 19th, and beg you will accept my sincere thanks for your courtesy in sending me the information contained therein, and also for the kind words which you have written.

Accept the assurance that I appreciate most highly the magnificent work done by your commission for my department; and it is a gratification to me to feel that the effort put forth by Wisconsin in making its fish exhibit has not only demonstrated to the people of your own state, more forcibly than otherwise could have been possible, the magnitude and importance of the work you are doing, but it has also shown to the great public of the United States the immense resources for commerce or pleasure possessed by Wisconsin, and which must result to its material advantage.

If the fisheries department over which I have had the honor to preside has gained distinction and the appreciation of the public the result is due to the unselfish devotion of those exhibitors who, like Wisconsin, have come forward to show to the world what they could of the fishing interests in which they are most concerned. I feel that I have a greater reason than can well be expressed in words for gratitude to those who have assisted in making the fisheries exhibit a success, for if I have achieved results in any way satisfactory, it is due to the support I have received from the exhibitors.

Yours very truly,

J. W. COLLINS.

Chief, Department of Fish and Fisheries.

The award of the committee whose field embraced the fisheries exhibit is as follows:

#### UNITED STATES.

#### DEPARTMENT D.-FISH AND FISHERIES.

Exhibitor—Wisconsin Fish Commission. Address, Madison, Wis. Group 37-41.

Exhibit—Live Fish in Aquaria; Reptiles in Abuaria; Photos of Fish Hatcheries and Fish
Car.

#### AWARD.

This collective exhibit is worthy of special mention, particularly now that so much attention and interest is given to the artificial propagation of fish. It shows a good collection of fish artificially propagated in Wisconsin state commission hatchery and ponds, and

the excellent result of the work done by the commission in the hatching and propagating of trout and carp. The propagation of the rainbow trout, which has been a failure in many cases, is carried on by the Wiscensin state fish commission with great success, as shown by the specimens of this fish exhibited in their aquaria.

The live fish they exhibited were kept in excellent condition and the collection as a whole was of great interest and an important feature of the exposition.

(Signed)

N. Borodine, Individual Judge.

Approved:

L. Z. JONCAS,

President Departmental Committee.

Approved:

JOHN BOYD THATCHER.

Date, February 28, 1894.

Chairman Executive Committee on Awards.

The following from William P. Seal, at one time in charge of the aquarial exhibit, published in the *Forest and Stream*, of December 2, 1893, while criticising some management of the aquaria elsewhere, bears testimony to Wisconsin's part in the great display. He says:

"The Wisconsin fish commission made a vastly better exhibit of valuable food fishes (than the United States commission) under nothing like so favorable conditions—even to carrying and keeping white fish in splendid condition."

The exhibit consisted of the following species of live fish:

Brook trout, six months old. Brook trout, one year old. Brook trout, two years old. Brook trout, four years old. Rainbow trout, six months old. Rainbow trout, one year old. Rainbow trout, two years old. Rainbow trout, four years old. German carp, one year old. German carp, three years old. European brown trout, three years old. Lake trout. Whitefish. Sturgeon. Bullheads. Blue catfish. Shovelnose sturgeon. Muskallonge.

Buffalo fish.

Bull catfish. Wall-eyed pike. Pickerel. Black bass. White bass. Yellow perch. Sun fish. Gar fish. Rock bass. Small black bass. Strawberry bass. Suckers. Sheeps head. Eel-pouts. Dog fish. Eels. Gold fish. Turtles.

The number of specimens ranged from twenty to forty of each kind; and the stock was replenished every few days, as it died out in consequence of the confinement and unfavorable waters.

#### THE DISTRIBUTION OF FISH.

The constantly increasing demand for the product of the fish hatcheries has rendered it impossible to furnish to all or to any in the quantities applied for. An apportionment among all applicants in the order of their application is all, that can be accomplished. The distribution in the years 1893 and 1894 is reported in detail in the appendix to this report, showing the following results:

#### DISTRIBUTION OF 1893.

Broek trout	2,515,000
Rainbow trout	1,675,000
Wall-eyed pike.	5,500,000
Carp	8, 050
Black bass.	29,000
Whitefish.	35,000,000
Impregnated eggs	14, 249, 000
Total	58, 826, 050
DISTRIBUTION OF 1894.	
Brook trout	8,7.5,000
Rainbow trout	2,555,000
Impregnated lake trout aggs	10,777,000
Wall-eyed pike (pike-perch)	9,600,000
Black bass	78,000
Full grown white bass	4,964
Full grown white bass	
•	8,125
German carp	8,125 6,447

The significance of these statements, as showing large results for the sums expended by the state in stocking waters with food fishes will, it is believed, be manifest by comparison with some of the states engaged in similar enterprises.

#### COMPARATIVE APPROPRIATIONS.

Wisconsin, with 56,040 square miles, appropriates \$12,000 to the fisheries commission, with \$1,800 for game warden and \$1,500 for his deputies.

Michigan, with an area of 58,915 square miles, spends for

propagation of fish \$27,483. A salaried game warden is employed with ten deputies. The counties also pay several thousand dollars annually to county deputy game wardens.

Maine, with 33,040 square miles, appropriates \$16,500 per year, which her commission finds "inadequate for efficient service and the demands of the best interests of the state," and they recommend that the sum be doubled.

Massachusetts, area 8,315 square miles, appropriates \$15,700 per annum. Her coasts are largely cared for by the United States Fish Commission.

New Hampshire, area 9,305 miles, spends \$10,000 on hatcheries to stock inland waters.

Connecticut, area 4,990 square miles (less than one-eleventh that of Wisconsin), appropriates \$9,000 for the propagation of fish, and gives her counties power to appoint and pay game wardens.

New York, area 49,170 square miles (6,870 less than Wisconsin), gives to her commission of fisheries \$66,050, of which \$44,000 is for the maintenance of the several hatcheries. The balance is applied to pay the salaries and disbursements of twenty fish and game protectors.

Minnesota, our sister state, with an area of 83,365 square miles, appropriates \$15,000 yearly. This state is much like Wisconsin in the almost innumerable multitude of her lakes.

Pennsylvania, area 45,212 square miles, appropriated in 1893 to her commission \$30,000 for the biennial period, and \$10,000 for water bailiffs to enforce the fish laws.

Other states than those mentioned are making liberal appropriations for the propagation and distribution of fish and the protection of fish and game.

From these comparisons it will be seen that other states are making larger appropriations, in view of area, than Wisconsin. When it is remembered that our state has an unusually large extent of coast, thousands of streams and several thousand inland lakes, giving an unusually large proportion of water area, the natural habitat of food fishes, the wisdom and policy of liberal

support of pisiculture in this state need, at this day, no arguments or appeals in their behalf. These comparisons are not made in any spirit of complaint. The legislature has responded liberally to all requests made by this commission. In 1891, the commission asked for \$5,000 for a new building at the Madison hatchery, and only seven votes were cast against it. In 1893, the vote was unanimous appropriating \$5,000 for a fish car. It is merely suggested that the states are coming very generally to realize the fact that moneys expended in the augmentation of the supply of food fishes is profitably invested. It is, indeed, "bread cast upon the waters," abundantly returning after many By comparing the output of our hatcheries with those of other states it will be seen that we have been able to produce larger results relatively than others. During the last year the distribution in Wisconsin was 62,706,000 of fry and impregnated spawn. New York, with her several hatcheries and her appropriation of \$44,000 for their support, put out in the year ending September 30, 1893, 80,404,467 fish, fry and eggs. fornia reports a distribution last year from her two hatcheries of 2,665,940 at a cost of 7,500 for expenses of hatcheries alone, \$10,000 per annum being expended in restoring and preserving the fish in the waters of the state. In the two years, 1893 and 1894, the distribution was about 16,000,000 at a cost of \$15,000; besides \$8,130.83 commissioners' fund for general expenses and salaries.

#### DISTRIBUTION OF BLACK BASS.

The commissioners became satisfied in the summer of 1893 that great benefit would result to the state by the saving of the bass fry in the sloughs of the Mississippi river. That river overflows its banks in times of floods, forming shallow lakes and sloughs along the banks and on the islands. Into this shallow water the bass go to deposit their eggs. On the subsidence of the waters the parent fish return to the channel waters. The eggs hatch by the millions and the young fish

are left to perish, either by the sloughs drying up in summer or freezing in winter. Mr. Nevin made careful examination, and after correspondence with Hon. Marshall McDonald, the United States commissioner, the work of rescuing these young fish, depositing the common varieties in the nearest channel waters and saving the bass and pike for distribution to other portions of the state, was begun in the month of September, The work was new to Mr. Nevin and his assistants when commenced, and experiments in methods were necessary. But it is believed that excellent results will follow this work. Superintendent Nevin, in his report, says: "I regard the rescuing and distribution of fish from these low places along the river, where they would otherwise inevitably perish, as one of the most economical and practical methods of re-stocking our inland lakes. All the fish so planted are adapted to any of the waters of the state; and the cost of taking and planting them is very small compared with the cost of the artificial propagation of the same species, since we now have a fish car for transporting the live fish." Hon. Marshall McDonald, the United States commissioner of fisheries, writes that "in no other way can so valuable results be accomplished from so small an expenditure." The work will be vigorously pushed during the coming summer, so far as the means provided will permit.

#### MUSCALLONGE.

The commissioners believe that the propagation of muscallonge can be profitably undertaken with a small addition to our fund for the purpose. It is a valuable food fish and its game qualities commend it to sportsmen. The New York commission has met with marked success in propagating this fish; and Superintendent Nevin is confident that enough parent fish can be secured in the proper season to begin this work. If adequate means are provided, the commission will act upon the superintendent's recommendation.

### IMPREGNATED LAKE TROUT EGGS.

The method adopted and pursued by this commission in the propagation of lake trout for the past eight years is as follows: Men are placed on the fishing tugs during the spawning season to strip the female fish and impregnate the eggs, which are then carefully measured and planted on the natural spawning grounds as the fishermen return their nets into the water. This commission is the only one to adopt this practice. fishermen were skeptical at first, and even objected to having the commission's men on the tugs. But the demonstrated success of the experiment has made the fishermen our best friends. At every point on the lake where this work has been done the fishermen find abundance of small trout where never observed or caught before. If the fishermen would, one and all, adopt this plan of preserving and perpetuating the fish on the beds from which their own livelihood is gained, there would be little need of a close season.

### THE STOCK OF BREEDING TROUT.

The stock of breeding trout at the hatchery is now, as per recent count, 47,173. They are all fish that have been bred at the hatchery, and, of late, it appears that the virility of the eggs has somewhat deteriorated. It is deemed desirable that, as far as practicable, the stock be freshened by an annual collection of wild trout eggs, which are far more vigorous than those in a sense confined and fed daily on a uniform kind of food. It is intended to improve our stock as much as possible in this way hereafter. The commissioners join with the superintendent in recommending the collection of five thousand wild trout to be placed in the breeding ponds with the native fish.

### FISH CAR.

The necessity for a fish car for use in the distribution of fish in a proper manner became so evident that the legislature of 1893 provided funds therefor. A contract was entered into

with the Litchfield Car and Machine Company, of Litchfield, Illinois, for the building of a car carefully planned for such uses, to be furnished fully equipped for \$5,000, the sum appropriated for its purchase. It is fifty-five feet in length, divided into sections, with passage way in the center. end is a kitchen with stove and kitchen utensils, adequate for cooking the food of the men employed on the car. The other end contains a Pullman section with upper and lower berths on one side; on the other a lavatory, clothes room and closet. main body of the car are twelve fish tanks, each three feet square and eighteen inches deep, lined with thick galvanized iron, with drain pipes. Underneath the center of the car is a reservoir of eight barrels capacity for water and an ice tank holding two tons. In the end of the main room of the car is a six-horsepower engine and boiler connected with the reservoir. Iron pipes connected with pump give a circulation and aeration of water in the twelve tanks. In these pipes there are connections made with coupling and rubber hose attached, with glass nozzles, that come within one inch of the surface water in the tank. When the pump is in operation the water is forced into the tank with such force as to drive the air and water to the bottom of the tank. Six of these jets can be used in one tank, if desirable. The water wastes back through a standpipe into the reservoir, and in constant circulation is repumped The ice keeps the water at an even temperainto the tanks. The car has been found to be admirably adapted to the uses for which it is designed. Attention is invited to the remarks in Superintendent Nevin's report as to its efficiency and practicability in our work.

#### AID FROM THE BAILWAY COMPANIES.

The efficiency of the work of the commission in the maintenance of the exhibit at the world's fair and in the distribution and transplanting of fish, has been greatly increased by the liberality of the railway companies in furnishing free trans-

portation to the fish car and the employes thereon. Fully appreciating the value to the state and to the railway interests as well, the railway officials have generously aided us, not only in affording transportation, but in their courteous efforts to facilitate and expedite the operations of the commission—all giving a practical godspeed to the work. This is evidenced by the following statement of the number of miles traveled by the fish car, "Badger," collecting and distributing fish in 1893 and 1894.

	1898.	1894.
Over C., M. & St. P. Ry.	8,841	11,29
Over C. & N W. Ry Over C., St. P., M & O. Ry	4,116	6, <b>90</b> 2, 74
	1,087 700	1,84
Over Wis. Central Ry Over Illinois Central Ry	2,762 884	1, 24 1, 0 <b>2</b> ND.
Över Illinois Central Ry Over G , B , W, & St. P. Ry Over M, St. P. & S. Ste. M. Ry.	Nil. Nil.	21( 19
Totals .	12.840	23, 61

For this kind and cheerfully rendered assistance the commissioners desire to make grateful acknowledgments.

#### FINANCIAL ESTIMATES.

The commissioners respectfully show that they have not been able to carry on the work of the commission as it should be on the present annual appropriation of \$12,000. Repairs are actually needed on the buildings and the ponds at the Nine Springs Hatchery, which will require the outlay of at least \$2,000.

At least \$2,000 annually will be needed to carry on the work of collecting and distributing the Mississippi bass in inland waters.

At least \$1,000 is needed for the purpose of renewing our stock of breeding fish, by obtaining a stock of wild trout and their eggs to prevent deterioration of the breeders.

#### ANOTHER FISH HATCHERY.

The demand upon the hatcheries for trout is so great and steadily increasing, and the suitable waters of the state for stocking so abundant as to justify the establishment of another hatchery, to be located at some point where desirable water and facilities for distribution are favorable. It is believed that in this way, propagation can be largely increased without relative increase in expense.

For these purposes, and in order to enable the commission to carry on its work properly, we are of the opinion that there should be appropriated annually in addition to the present annual appropriation, the sum of \$8,000.

### VALUE OF THE FISHERIES OF WISCONSIN.

The statistics hereto appended, collected from the most authentic sources within reach of the commissioners, exhibit the extent and value of our lake fisheries:

Fish caught in 1898, pounds	40, 118, 025
Fish caught in 1894, pounds	28,998,948
Value of fish caught in 1898	\$1, 208, 895
Value of fish caught in 1894	869,787

The calm weather and extreme heat of the last season made it unfavorable for fishing operations; hence the shrinkage in results.

A very important item to be taken into account in this connection is the vast amount of fish caught in the Wisconsin waters of the Mississippi and St. Louis rivers, Lake Pepin, lake and river St. Croix. Without adequate data to form an estimate, it can safely be assumed that many millions of pounds of food fish are annually caught and hundreds of men are employed. The state fish and game warden's department force destroyed \$4,000 worth of nets seized in Lake Pepin alone. The fishing in the Mississippi river is nearly all done with seines, bait lines and set-lines, and in the lakes with fyke and gill nets.

The game and trout fishing of our inland streams and lakes

brings thousands of sportsmen from other states yearly, hardly less in number than those who visit Maine and Vermont during the fishing season in those states. Judging from the statistics of those and other states much resorted to by sportsmen, it is safe to assume that such tourists bring to and spend in the state hundreds of thousands of dollars annually.

When to these sources of revenue are added the millions of dollars in yearly value of fish caught from our waters and served as food on the tables of the households within the state, the immense value and importance of our fish products are impressed upon the attention. To aid in the propagation and multiplication of this wealth of our waters is certainly economy. To give such protection under wise and stringent laws as will tend to preservation and increase for all of the benefits thus yielded is certainly the dictate of justice and economic policy.

### BETTER PROTECTION TO FISH AND GAME.

The commission is strongly impressed that more efficient and more effectually executed fish and game laws are necessary. The artificial propagation of fish is no longer an experiment. It can largely increase the production under normal conditions. It can people any stream with fish adapted to its waters and maintain a strong supply; but its capacities are over-taxed and its results largely thwarted by the lawlessness and shortsightedness of the element in every community, who for present gain or pleasure will "kill the goose that lays the golden egg," and proceed to exterminate faster than propagation can supply. Science teaches that the balance between life and death is so adjusted in the animal world that a slight increase in the abnormal destruction of life over reproduction soon results in extermination. When to the myriads of natural enemies of fish life, man comes with his skill, his nets and improved tackle to engage in wholesale destruction, the species soon become rare if not extinct. Propagation may plant and generous nature may water, but a reasonable protection must be added to give permanent increase.

Appended to this report is the report of the state fish and game warden, who by law is required to make report to this commission, although not under its direction. It states generally the prosecutions and fines collected, showing that the fines adjudged against offenders exceeds the expenses of employing deputies in the various parts of the state. The report contains many suggestions worthy the consideration of your honorable body.

The commissioners are of the opinion that several practical and beneficial changes should be made in our present laws; and they present the following

#### RECOMMENDATIONS.

- 1. The entire subject of fish propagation, their protection and preservation in the waters of the state, should be committed to a single commission or board of officers, with power conferred upon them to appoint and remove fish and game wardens and deputies, and assign their field and scope of duties.
- 2. The penal laws should be so changed as to be more effective, and to remove all technicalities from prosecution.
- 3. The whole mass of legislation, both general and local, should be revised and consolidated into one act, and specially separately published with suitable forms for prosecution of cases appended.
- 4. The power now nominally given to the commissioners of fisheries (by section 13, chapter 307, laws of 1893) for the closing of streams recently planted should be made practical by providing a method by which such closing can be promulgated and made operative.
- 5. County boards should be given the power to appoint fish and game wardens in their respective counties, to protect the waters thereof, in cooperation with state authorities.
- 6. More effective provision should be made to secure the stripping and milting and planting of fish spawn caught by fishermen in nets, during the spawning season, under the supervision of deputy wardens.

#### Commissioners' Report.

#### CONCLUSION.

In conclusion the commissioners bear testimony to the zeal and efficiency of Mr. James Nevin, superintendent of fisheries. His labors during the past two years have been specially onerous and exacting. The work of preparing, maintaining and securing renewal specimens for the fish exhibit at the World's Fair, greatly added to his labors. The work of collecting and distributing wild fish also imposed upon him much travel and supervision and sharing of the work in the field. His energy and good management and efforts to accomplish the utmost possible with the resources placed in our hands have enabled the commission to make this favorable report of our operations, and to him the credit is largely due.

Hon. Philo Dunning, of Madison, voluntarily retired from this commission in April, 1893, after fourteen years of zealous, faithful service as its president. The success of the work so especially placed under his constant supervision attests to the fidelity and excellent judgment which he brought to the discharge of his duties. He carries into his retirement the warm personal regard of every member of the commission; and his long service so fruitful of good results to the state entitles him to grateful remembrance.

The commission feel justified in anticipating a successful future. The past work of the commsssion with the means placed in its hands has yielded ample returns. Thousands of streams in the state have been stocked, and where the brook trout was formerly unknown millions are now caught yearly. The rainbow trout, large, gamy, quick in growth and excellent food, has been extensively introduced into our waters, greatly enriching them. Streams and inland lakes are fast being replenished with bass and wall-eyed pike, and thus much is added yearly to the food supply and resources of the state; and its fame is extending wide, affording the sportsman and summer tourist tempting allurement to out-door enjoyment. With moderate outlay and an active

#### Commissioners' Report.

public sentiment to uphold the hands of the commission, and to enforce the laws, an abundance of excellent food fish can soon be afforded for all, in all parts of the state.

All of which is respectfully submitted January 10, 1895.

EDWIN E. BRYANT, CALVERT SPENSELEY, A. V. H. CARPENTER, JAMES J. HOGAN, GEORGE F. PEABODY, RICHARD VALENTINE.

# Treasurer's Report.

# TREASURER'S REPORT.

## Statement for 1893.

	Dr.		
1898. Jan. 1.	To balance on hand Annual appropriation. Appropriation for fish car State board, world's fair commissioners M. L. Nelson (for whitefish sold).	19,000 00	
	Cr.		
	By salary, Supt. Jas. Nevin, 12 mos	\$1,800 00 660 00	
	Madison Hatchery Account.		
	By Salary, Asst. Supt. V. Maag, 12 mos.  Henry Sykes 11 months.  Jas. Foy 12 months.  Sundry employment Disbursements for fish food Disbursements for distributing fry.  Disbursements, collecting and distributing black bass. Permanent improvements Telephone rent.  Postage and stationery.  Miscellaneous expenditures  Litchfield Car and Machine Co. (for building fish car, "Badger").	409 48 118 25 149 50 1,294 10	
	MILWAUEEE HATCHERY ACCOUNT.		
	By salary John Maag, officer in charge, 8 months. Sundry employment Disbursements, distributing fry Disbursements, collecting whitefish eggs. Disbursements, taking lake trout eggs. Disbursements, taking lake trout eggs. Rent of hatching room Milwaukee city, rent of water Permanant improvements. Miscellaneous expenditures.	84 00 200 00 814 77 459 75 276 54 800 00 800 00	
	0		8, 414 15
	Commissioners' Expenses.		·
	Commissioners' Expenses.  A. V. H. Carpenter		
	A. V. H. Carpenter Philo Dunning	4 25 6 85	

## Treasurer's Report.

## TREASURER'S REPORT.

## Statement for 1891.

	Dr		
18 <b>94.</b> Jan. 1.	To balance on hand approprietion for 1894		\$13,859 51
	Cr.		
	By salary, Supt James Nevin, 12 monthssalary, clerk, Arthur Sykes, 12 months	\$1,800 00 720 00	<b>\$</b> 2,520 00
	Madison Hatchery Account.		
· ·	By salary, Ass't. Supt. V. Maag, 5 months.  Henry Sykes, 10 months. O. D. Marks, 5 months. James Foy, 12 months James Brissee, 8 months sundry employment disbursements for fish food disbursements for distributing fry permanent improvements. telephone rent postage and stationery miscellaneous expenditures.	800 00 585 00 886 70 71 25 960 76 426 00 240 88	
	MILWAUKEE HATCHERY ACCOUNT.		
	By salary, John Maag, officer in charge, 7 months.  disbursements, distributing fry. disbursements, colecting whitefish eggs disbursements, collecting plke eggs. disbursements, planting lake trout eggs. rent of hatching rooms.  Milwaukee city, rent of water gathering statistics of lake fisheries. Miscellaneous expenditures	289 10 732 86 867 84 229 88 800 00 800 00 100 00	\$3,082 86
•	COLLECTING AND DISTRIBUTING BASS.		
	By disbursements, distributing white bass	\$250 80 765 09	
	By disbursements, repairing and maintaining fish car		\$299 75
	COMMISSIONERS' EXPENSES.	,	
	Calvert Spensley (expenses for 1893)		<b>\$</b> 69 85
	Balance on hand Dec. 81, 1894		\$12,246 20 1,113 31
		· · · · · · · · · · · · · · ·	1,110 01

#### SUPERINTENDENT'S REPORT.

To the Honorable Board of Fish Commissioners:

GENTLEMEN:—Appended hereto you will find tabular statements of the various kinds of fish that have been hatched and distributed during the years 1893 and 1894.

During the seasons of distribution of trout and other fish, our mail matter will reach from twenty-five to fifty letters per day. In consequence of this large amount of correspondence, it became necessary for us to move our office to Madison in order that we might be more convenient to the postoffice. A room in the capitol was provided us for this purpose, and we are thereby enabled to answer all letters and telegrams promptly. The clerical work of the office has become of considerable importance, and requires prompt attention.

Very few people have the remotest idea of the amount of labor to be performed in connection with an institution of this kind.

Attached hereto you will find an analysis of water taken from the springs at the hatchery, which was made by Prof. Daniells of the state university. You will notice from his statement that the water does not contain the amount of oxygen usually found in spring water.

The demand for fish is constantly on the increase, and it is impossible for us to keep pace with the requisition for brook trout, bass and pike. Judging from the number of applications for fish that we are receiving at the present time, this year will break all records. The Madison hatchery is now run to its full capacity in hatching and distributing trout; and it is to be hoped that the commission will make an effort to obtain the necessary funds to locate another trout hatchery. There is no

other work that the commission can do in the propagation of fish that will return as much to the general public for the money expended as the stocking of our streams with trout, and our inland lakes and rivers with native fish such as pike, bass and muskellunge.

#### LAKE FISHERIES.

The lives of the lake fishermen are not easy ones, though the hardships grow less as the steam tugs supersede the old sail boats for visiting the nets. In all kinds of weather the nets must be looked after, and usually the catch is largest when the great gales sweep the lakes. In November the best run of fish occurs, as the herring, whitefish, lake trout, and blue fins leave deep water and seek the shallow spawning grounds. Oil-skins sheeted with ice, numb fingers cut and bleeding from drawing in freezing nets, and faces frost bitten by 1cy spray are common experiences, while often the gales drive the nets far out of position, and not infrequently tangle them with others almost inextricably. It is at this season of the year that the fish culturist, seeking for spawn, comes in contact with the fishermen; and his duties in this connection, being similar to those of the fishermen, are far from being pleasant.

A few years ago sail boats were employed almost exclusively, but steam tugs of from ten to twenty-five tons burden are becoming more common every year, and with them the risks and hardships of the business decrease.

A gill net is about six feet wide and stands on the bottom of the lake, often in sixty or seventy-five feet of water. The only sign that marks its existence at the surface is a two-foot cedar buoy with cane and pennant fastened to it, which is anchored at each end of a gang of nets. In this respect it differs radically from a pound net. There are usually sixty, and rarely less than forty, gill nets in a gang, and as each net is 300 feet long, the average gang of nets is from three and a half to four miles in length; and I have seen as high as six miles set from one tug.

If all the gill nets as given in by the fishermen of this state were tied end to end, there would be over fourteen hundred miles of gill nets alone, to say nothing of the thousands of other nets. The eleven fish tugs fishing out of Milwaukee have from sixteen to twenty miles of net in the water at one time while they are fishing. During the summer months the nets were lifted every third day, and in the spring and fall every fifth day.

There were some fifty-four miles of gill nets used in Lake Winnebago the past season.

There never was a time in the history of our state when there were so many fish taken from its waters as during the season The fishermen are constantly increasing the number of nets and apparatus for catching fish. The 1894 season shows a decided falling off because of the warmth of the water and the fact that there was but little wind to stir up the lake and start the fish moving. As a consequence the fishing beds, where many were taken last year, gave a decreased yield. fishing is carried on extensively on Lake Michigan. Owners of steam tugs who do towing and other work during the summer months, many of them either buy a gang of nets and fish during the winter months, or lease their tugs to fishermen who have nets and fish on shares. Winter fishing is also carried on quite extensively under the ice at Green Bay, and gives employment to hundreds of people during those months. There is hardly a day in the year that there are not four hundred miles of nets in Lake Michigan and Green Bay. As one gang is taken up another is lowered in its place. The value of the fish taken during the year 1893 was \$1,230,144. The value of boats and fishing tackle was \$522,703, which shows that the fishing industries of this state are of great importance and require wise legislation to foster and protect them.

#### WHITEFISH.

A successful plant of whitefish in one of our inland lakes has recently been brought to my notice. A few days ago I received

a letter from ex-Senator Reynolds of Lake Geneva, together with a bottle of fish eggs. Mr. Reynolds requested that I advise him as to what species of fish the eggs belonged, as he was not aware that their lake contained any fish which spawned in the fall of the year. He stated that the eggs were taken from the stomach of perch caught in Lake Geneva, and that for three weeks past the perch caught in the lake, when opened, were found to contain these eggs. The eggs proved to be whitefish eggs; and on looking over the records, I find that half a million of whitefish were planted in the lake in 1880, which accounts for the eggs being found in the stomach of the perch. As the water in Lake Geneva is very deep, and it is fed by springs, I think there is no question that the lake abounds in whitefish, and that a great many could be caught if the proper method of fishing for them was employed at the right season of the year.

In my last annual report I made mention of the increase of whitefish in Green Bay. It affords me no little satisfaction to be able to state that the catch of this year and last show a steady increase over the catch of 1892. This increase is most perceptible on the grounds on which we have been planting steadily for the past eight years.

I regret very much that, in our efforts to propagate whitefish in the great lakes, the co-operation of the fishermen as a whole is not forthcoming. I deprecate exceedingly the enormous destruction by the fishermen of the small whitefish and other species; for there is no question in my mind that the fishermen would be well repaid for their forbearance if they would return all small whitefish they catch to the lake, instead of selling them for "No. 3 Family Whitefish." I believe there are several dealers in the state who will not buy the small whitefish; but there are others who advise the fishermen how to dispose of them to the dealer's advantage.

Messrs. Godfried Leviolett, Jerry Leviolett, John Pelkey, and Olsen and Newman of Little Sturgeon, all tell me that they have thrown overboard many tons of small whitefish, both last season

and this. During the past fall I have seen them throw overboard, at a single lift of their nets, a thousand pounds of small whitefish, weighing from one-fourth to one-third of a pound each. However, where there is one fisherman who will return the small fish to the water, there are twenty fishermen who put them into their boats with the herring and other fish and bring them ashore, and they are salted as herring or "Family Whitefish." If the fisherman keeps them separate, the dealer will pay him two cents per pound for them. If they are sold with the herring, they will average him about one cent per pound. If these same fish were allowed to come to maturity, they would bring from four to six cents per pound. The same is true of small wall-eyed pike. Fish culture and fish protection should go hand in hand.

The state of Wisconsin was the first state in the union to appropriate money for the protection of fish; and there is no question in my mind that the legislature would enact any laws asked for, if the fish commission would formulate some practical plan for having the laws enforced, by the authority of the commission. Unless they do get such authority and exercise it, it is useless to appropriate money for hatching whitefish for the great lakes.

#### RESCUING BLACK BASS FROM THE MISSISSIPPI RIVER.

This work was new to us when we commenced it. There is no doubt that by commencing the work two weeks earlier than we did last season, with improved appliances and the experience we have had during the past two seasons, we can do a great work next year, and in the years to come. In this connection, I would recommend that the commission have a cabin boat built with cabin and kitchen, in order that the men working on the river may have a place to eat and sleep.

#### IMPREGNATED LAKE TROUT EGGS.

The method adopted and pursued by this commission in the propagation of lake trout for the past eight years is as follows:

Men are placed on fishing tugs during the spawning season to spawn the female fish and impregnate the eggs. The eggs are then carefully measured and planted on the natural spawning grounds as the fishermen return their nets to the water. This commission is the only one in the United States or in America that has made a practice of doing this work in this manner. The fishermen who were skeptical at first, and had so little faith in the work that they did not want us on their tugs, are our best friends to-day. That the work has been a success is proven by the results. At every point on the lake where this work has been done, the fishermen have caught quantities of small trout the second year after planting, where they had never caught them until we commenced planting the impregnated eggs back on the spawning grounds. If the fishermen, one and all, would adopt this method of maintaining the fish supply, there would be no need of a close season.

#### WORLD'S FAIR.

The fish exhibit made by our state at the world's fair, which was under my supervision, caused a great deal of hard work during the summer of 1893.

During the months of July and August the temperature of the water in the aquaria ranged from seventy to seventy-four degrees Fahrenheit, and it was next to impossible to keep the exhibit up to a creditable standard. However, basing my statement on the verdict rendered by fish culturists in general and the mass of people who inspected the fish exhibits, and whose knowledge of fish and fish culture qualified them to pass judgment, I believe I may safely say that at no time during the exposition did any of our competitors excel us in quality, quantity or variety of native live fish exhibited.

#### FISH CAR.

During the past two years we have found the fish car a great convenience in the distribution of fish and fry. Heretofore we

had to send men in the baggage cars with from twenty to twenty-five cans of fish. Now we make at a shipment from 100 to 125 cans, which enables us to much more quickly distribute the fry with all the conveniences for caring for them en route. We can safely carry at a load from 5,000 to 10,000 black bass from two to four inches in length, and from 400 to 800 full-grown white bass.

During this season there were served on the car 1,123 meals at an average cost of eleven cents per meal.

I wish to return thanks for the courteous treatment we have received from the various employes of the railroad companies over which the car has been drawn.

The past two years have been very busy ones both for the employes and myself, although very few improvements or repairs have been made at the Madison hatchery. Our time has been entirely taken up with the regular work and the collection and distribution of fish and fry. The fact that we have been unable to make many needed repairs and improvements has been a constant reminder to us that the time has come when, if the commission is to keep abreast of the times in fish culture, there must be a considerable additional expenditure of money for their purposes.

JAS. NEVIN,
Superintendent.

#### Analysis of Water from Hatchery Springs.

REPORT OF PROF W. W. DANIELLS ON ANALYSIS OF SPRING WATER TAKEN FROM FLOWING SPRINGS AT THE FISH HATCHERY.

MR. JAMES NEVIN, Superintendent State Fish Hatchery, Madison, Wis.:

Dear Sir: The sample of water from the hatchery springs contains the following inorganic constituents, expressed in grains, per U. S. standard gallon of 281 cubic inches:

Sodium chloride	0 2854
Sodium chloride	0.1188
Sodium sulphate	0 0569
Sodium uitrate	0.1767
Sodium bicarbonate	0.1120
Calcium bicarbonate	18,9608
Magnesium bicarbonate	10.8494
Iron bicarbonate	0.0108
Oxide of alminum	0.0808
Silica and insoluble residue	1.0285
Total mineral constituents per gallon	26.4786

The examination for organic constituents gave the following results expressed in parts per million of the water:

Chlorine	2.45
Free ammonia	0.128
Albumenoid ammonia	0 208
Nitrogen as nitrates	0 500
Nitrogen as nitrites	0.025

One million parts of the water consume in 14 hour 0 5 parts of oxygen. One million parts of the water consume in 24 hours 0.75 parts of oxygen. One million parts of the water consume in 34 hours 1.00 parts of oxygen. One million parts of the water consume in 24 hours 1.5 parts of oxygen.

This water is contaminated, either by surface water flowing over organic matter, or by soil water flowing from soil containing a considerable amount of decomposing organic matter. The quantity of ammonia, both free and albumenoid, is very much greater than ought to be present in a spring water, and the nitrates are also much more abundant than is usual. No nitrates should be present.

The chlorine and mineral constituents are present in abount two thirds the quantity commonly found in spring water of this region, showing great dilution by surface water or water from other sources than those of ordinary spring water.

That this water is surface water is indicated by the small amount of oxygen consumed by the organic matter present.

Respectfully, etc.,

W. W. Daniells, Analytical Chemist.

# Fish for Breeding Purposes.

Number of fish in the ponds at the Madison hatchery, retained for breeding purposes.

Brook trout, this year's hatch 5,000 Brook trout, two years old 7,500 Brook trout, various ages, breeding fish 12,243	
Total brook trout in ponds	22,743
Rainbow trout, this year's batch. 8,500 Rainbow trout, two years old. 4,800 Rainbow trout, breeding fish, various ages 5,000	
Total rainbow trout in ponds	19,800
Black spotted trout, of Colorado, two years old	
Total black spotted trout	1,700
European trout, this year's hatch	
Total European trout in ponds	2, 950
German carp	288
Whole number of fish in ponds, at the Madison hatchery	47,481

#### STATE FISH AND GAME WARDEN'S REPORT.

To the Honorable, The Wisconsin Fish Commission:

Gentlemen:—In accordance with the provisions of chapter 308, of the laws of Wisconsin for the year 1893, I herewith submit my report. I have preferred to do the work of the office without parade or the continual calling of public attention thereto, and as a consequence I think the results accomplished will be a surprise to many people of the state. The figures relating to the prosecutions and convictions, property confiscated and destroyed, are necessarily incomplete, because convictions have been had in many instances which were not reported to this office.

Actual experience, I feel confident, has demonstrated that the present system of wardenship is preferable to the old plan of having a number of wardens, who divided the responsibility, and were enabled to successfully dodge any considerable portion thereof if it was sought to hold them accountable for the work undone in the state. With one warden, who is not only accountable for the management of his department with care and prudence, but is in a measure, responsible for the deeds of the men whom he names as subordinates, I firmly believe more work can be accomplished and with less friction than with a number of wardens having equal authority.

There is one great difficulty in connection with the enforcement of fish and game laws, and that is, that in many localities the sentiment is so manifestly against them that it is exceedingly difficult to secure a conviction on the strongest of evidence.

In several instances I have found district attorneys who refused to do their duty, throwing in the way of the performance of duty by warden and deputies every obstacle that they could.

Several justices of the peace usurped the prerogative of the supreme court, by declaring the fish and game laws unconstitutional and refused to hear the cases brought before them.

In many instances, parties have been found guilty and the justice, before whom they were tried, suspended judgment and allowed the offenders to go free.

Inasmuch as the deputies depend upon convictions for their pay, such conduct discourages them and makes ineffective, in many parts of the state, the laws upon the statute books. With this in view it may be possible that some who have criticised the work either of the warden or his deputies in not suppressing illegal shooting or fishing, in some locality, can find in this an explanation. To devise some means of remedying this, I leave to the ingenuity of the legislature of 1895. often thought that if the state game warden and state dairy and food commissioner, who occupy the same offices at the capitol, could be provided with an attorney, whose duty it should be to assist in the work of these two departments, much good would be accomplished thereby, especially if this attorney was authorized to prosecute, where district attorneys refused, and the attorney general's judgment should be that the case ought to be prosecuted. This, with a change of venue law which would enable the state to remove cases to unprejudiced localities for trial, might go a long way toward obviating the difficulty.

The following abstract from the reports made to this office by deputies, will serve to give you some idea of the work accomplished during the past two years, or since April 1, 1893, at which time the laws as now constituted went into force, and there is no doubt in my mind that if a full report could be obtained from all the counties, the figures would be increased at least one-third. No record has been kept of arrests, where convictions have not been secured.

Amount of fines paid into courts as reported	\$3,0	99.89
Gill nets destroyed	•	
Hoop nets destroyed		
Seines destroyed		. 8
Traps destroyed		
Pound net destroyed.		
Spears destroyed		
Set lines destroyed		
Persons sent to jail on failure to pay fines		

Experience has led me to advise the amendment of the fish laws:

First, I suggest that there be no closed season for bass or pike of any variety, but that permission be given to take them at any time of the year by angling or trolling. I do not believe that with such a law the number of fish would be materially decreased, whether they are fished for in or out of the spawning season. In making this suggestion I realize that I am calling down upon my head the wrath of many amateur sportsmen, but observation and close study of the habits of these varieties of fish leads me to this conclusion. In my opin ion, if stringent laws were enacted prohibiting the shipment of fish out of the state, the whole problem would be solved.

Second, if the fish is caught now during the prohibited season, it must be thrown back into the water. If blood in any considerable quantity flows from the fish, by reason of the injuries it has received from the hook, the fish will certainly die in a few hours and pollute the waters. To simplify matters, I suggest that a law be enacted providing a closed season for trout, prohibiting the use of spears, set lines, explosives, snatch hooks, chemicals and nets, and I believe the waters of the state would swarm with fish in a short time. As the law now stands, the angler may take any kind of fish except trout, bass and pike at any time of the year. It seems to me that this is absurd, because it is well known that bass and pike spawn at the same time with pickerel, and frequent the same waters with the last mentioned fish.

He must be a wise angler indeed, who can prevent a bass or

pike from taking his hook during the closed season while he is fishing for pickerel or other fish. He is liable to commit a double crime. If he hooks the fish in the closed season, he is liable to punishment for violation of the law, and if, after discovering the variety of fish he has on his hook, he casts it back into the water and it dies, he is liable for polluting the stream.

This department has had some strange experiences, but the strangest suggestion which has reached me was a proposition submitted by McDonald & Barnard, lawyers at St. Paul, Minn. They proposed that this department suspend the enforcement of the law regarding the catching of fish out of season, so far as the frequenters of Lake Pepin were concerned. The letter was an ingenious one, but its bold proposal stared the reader in the face at every line. They demanded that this department extend to the people of the vicinity of Lake Pepin immunity from the laws which people in other parts of the state were bound to obey, and which the head of the department and his assistants had sworn to enforce. The coolness of the proposal was only equaled by the insulting nature of the reply made by the attorneys to the letter written by the warden refusing to suspend the operation of laws which he was sworn to enforce.

What promised to be a serious question concerning the game laws arose during the past year. The law provides that the clear proceeds of all fines be turned into the general fund of the state treasury, whereas the constitution says that they should go into the school fund. An attack was made upon the law on the ground that it was unconstitutional, but on the advice of the attorney general that this invalid clause did not invalidate the entire law, it was enforced just the same; but the legislature should amend the law so as to make this part of it conform to the constitution.

Regarding the game laws, I have two suggestions to make:

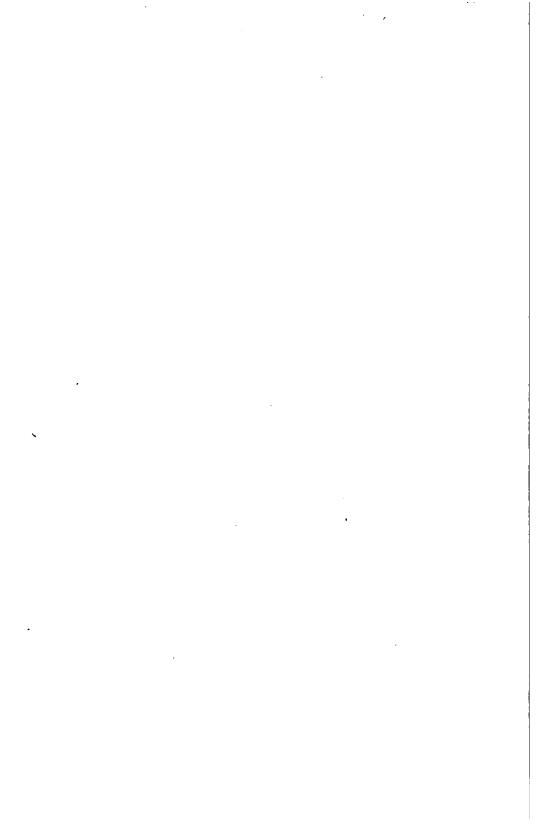
First, that the open season for deer be changed from the month of October to the month of November. The reason of

this is: In the first place, the venison can not be kept any length of time in October, and it spoils in vast quantities. The game is killed without benefit to the hunter or his friends, and great waste results. But this is not all nor the worst. When the deer are hunted in October, fawns and does are the principal subjects of the gun. November is the running season of the bucks, and they become bold and fearless, while the fawns are older and more able to take care of themselves, and the does are not impeded by their attention to the fawns.

Second, I earnestly recommend the prohibition of spring shooting of ducks and geese.

I desire at this time to acknowledge the many courtesies and kindnesses shown this department by the members of the state fish commission, and the ability and good judgment which I have always discovered is possessed by the superintendent of the hatcheries, James Nevin, whose untiring energy and intelligent, capable conduct of the affairs under the control of the commission have made Wisconsin stand in the very front rank among the propagators of the piscatorial tribe.

Respectfully submitted,
D. W. FERNANDEZ,
State Fish and Game Warden.



# APPENDIX.

# Carp Distribution, 1894.

## CARP DISTRIBUTION, 1894.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
Brown County— Arthur Belle, Duck Creek Henry Sykes, Madison Planted in Green Bay		JUNEAU COUNTY— James Lynn, Camp Douglas Jas. H. Rhodes, Mauston	50 50
CALUMET COUNTY— Henry Kuehl, New Holstein	1	LA CROSSE COUNTY— E. Hemstock, Burns Thomas Barclay, Stevenstown	100 50 100
CLARK COUNTY— A. Glub, Granton Wm. Pischer, Granton Chas. Sternitzky, Lynn	50 50	LA FAYETTE COUNTY— C. Hutchinson, Shullsburg	150
COLUMBIA COUNTY-	150	Lincoln County – W. H. Bradley, Tomahawk Carl A Rusch, Merrill	100 50
L. L. Barney, Portage	100 100 50 50	MANITOWOG COUNTY—	900
DANE COUNTY — E. P. May, Cambridge	300	Fred Kopping, Meggers L. T. Kepplar, Steinthal	50 50 100
A. Sykes, madison	125 3.5	MARATHON COUNTY— B F. McMillan & Bro., McMillan Fred Dumdel, Nutterville Paul G. Dundy, Nutterville	50 50 50
P. J. Railton, Superior J. A. Bardon, Superior A. G. Alscamp, Superior	50 50 50	Chas. G. Shuster, Nutterville William Ventzke, Wausau Walter Reinhart, Wausau	50 50 80
A. G. Alscamp, Superior A. W. Kunert, Superior N. Lucius, Jr., White Birch	250 250	MARQUETTE COUNTY— A. Walter, Almond William N. Glover, Montello	<b>300</b> 50 50
DUNN COUNTY— L. E. Toycen, Sand Creek  EAU CLAIRE COUNTY—	50	MILWAUKEE COUNTY— Max. Rosenthal, Wauwatosa	100
Henry Miller, Eau Claire Bubser & Girnan, Eau Claire A. M. Sherman, Eau Claire	100	John Maag, Milwaukee	
FOND DU LAC COUNTY— John Laper, Fairwater	250 100	Ed. Arians, Tomah	50
GRANT COUNTY – A. R. Case, Lancaster Thomas G. Treivar, Lancaster W. J. Bailie, Lancaster	50 50 50	J. W. Luffring, Saukville	50 50
GREEN LAKE COUNTY— Fred Kluck, Germania	150	PORTAGE COUNTY— Thomas Riley, La Nark	50
Iowa County— E. J. Perkins, Dodgeville	100	RACINE COUNTY— C. K. Stearns, Racine	50
JACKSON COUNTY— H. O. Helle, Taylor Alex. Bock, Black River Falls	50 50	ROCK COUNTY— Jas. Nevin, Madison, planted in Rock river E. H. Fielder, Evansville	<b>900</b> 50
	100	<b> -</b>	200

# Carp Distribution, 1894.

#### CARP DISTRIBUTION.—Continued.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
SAUE COUNTY— G. A. Martin, Merrimack C. Scholtz, Reedsburg Wm. C. Schultz, Reedsburg	50 50 50	W. H. Stow. Sheridan	50 50 50 50
Sheboygan County— Michael Riley, Parnell John Masterson, Hoard R. G. Arnold, Glenbeulah  Treampealeau County— W. P. De Bow, Blair	50 50	WAUSHARA COUNTY — J. G Pomrenke, West Bloomfield	\$000 50 50
W. P. De Bow, Blair H. L. De Bow, Blair Washburne County— Jacob Burke, Spooner Washington County—	100 50	WINNEBAGO COUNTY— Jar. Nevin, Madison, planted in Wolfriver Planted in Fox river. Geo. Hanson, Crete	150 400 400 50
Jos. Elsinger, St. Lawrence  WAUKESHA COUNTY C. W. Fraser, Menomonie Falls.	100 50	Total for 1894	850

# Carp Distribution, 1893.

# CARP DISTRIBUTION, 1893.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
ASHLAND COUNTX— Nohl & Carkee, Butternut	100	JUNEAU COUNTY— Charles Grotre, Mauston J. E. Smith. Mauston	100
BAYFIELD COUNTY— Wm. C. Coburn, Washburn Joseph Ozier, Iron River	100 100	F. M. Canfield, Necedah. S. L. Kennedy, New Lisbon	100 100 400
CALUMET COUNTY— J. Schildhauer, New Holstein		LA CROSSE COUNTY— H. Waddell. Burns Jas. Wanlass, Jr., Burns	100 100
CHIPPEWA COUNTY— H. Beyer, Bloomer	100	Jas. Wanlass, Sr., Burns Jas. Barclay, West Salem	100
CLARK COUNTY— M. Moldenhauer, Maple Works G. Pischer, Neillsville	100 100	LANGLADE COUNTY— C. L. Leykon, Antigo Phillip Ryan, Summit Lake	400 100 100
COLUMBIA COUNTY—  J. McKenzie, Poynette E. Hinkson, Poynette	200 100 100	Manitowoc County— Joseph Klien, Kiel	200 100
CRAWFORD COUNTY— Geo, Wachter, Prairie du Chien.	200	MARATHON COUNTY— Chris Weitzenicker, Knowiton Chas. Koenig, Wansau Herman Dahnel, Wausau	100 100 100
DANE COUNTY— John Cusick, Oregon	100 100 100	Wm. Weinke, Wausau William Buttke, Wausau William Venzke, Wausau John Loy. Stettin	100 100 100 100
I. O. Jordan, Dayton	100		100 800
DODGE COUNTY— Philip Kiefer, Richwood G. Stoltz, Beaver Dam G. Schueider, Theresa A. Dornfeld, Lebanon	100 100 100 100	MARQUETTE COUNTY— Fred Bonhor, Westfield  MILWAUKEE COUNTY— Geo, Trimberger, St. Martins Emil Sohendorf, Milwaukee	100 100 50
Douglas County— N. Lucius, Jr., Gordon	400 100	Monror County—	15 <b>9</b> 100 100
EAU CLAIRE COUNTY— Samuel Welke, Fall Creek Henry Russell, Augusta	100	ONEIDA COUNTY— Carr & Eby, Rhinelander.	200
Fond by Lac County—  F. D. Leonard, Fond du Lac J. M. Sattler, Calumet Harbor	200 100 100	PORTAGE COUNTY — W. H. Plank, Almond	100
Louie Northrup, Waupun		RACINE COUNTY – James Yates, Sylvania	100
GREEN COUNTY— W. R. Webb, Albany	100	ROCK COUNTY— J. W. Austin, Lima	100
Jackson County— J. B. Miller, Alma Center	100	ST CROIX COUNTY—  J. E. Jones, Hudson  H. Schroeder, Stillwater	100 100
JEFFERSON COUNTY— A. Solliday, Watertown R. Hooper, Lake Mills	100 50	M. Steckmeyer, Roberts E. P. Burkhardts, Burkhardts Sivert Olson, Deer Park	100 100 100

# Carp Distribution, 1893.

## CARP DISTRIBUTION—Continued.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
SAUK COURTY— H. C. Hunt, Reedsburg	100	Washington County— J. Schlaggenhaft, Nenno Henry Volesky, Allenton	108 100
SHAWANO COUNTY— John Way, Split Rock	100	WAUPACA COUNTY— Chas. H. Anderson, Scandinavia Ole C. Sether, Scandinavia	200 100 100
SHEBOYGAN COUNTY— Fred Backhouse, Beechwood Charles Koch, Beechwood C. H. Hadee, Green Bush Geo. L. Tupper, Sheboygan Falls	100 100 100 100	John Bartram, Waupaca Liough Phen, Waupaca	100 100 100 100
TREMPEALEAU COUNTY — Ben Dale, Galvesville	400	WAUKESHA COUNTY— David Sheehan, Colgate	600 100
L. L. O'Dell, Galesville  WASHBURN COUNTY—	200	Winnebago County — A. Anderson, Neenah Horn & Swan, Oshkosh	100
Ira Holmes, Spooner	100 100 200	Total for 1698	8,050

# Wall-Eyed Pike Distribu ion, 1894.

## WALL-EYED PIKE DISTRIBUTION, 1894.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
ADAMS COUNTY— Louis Cooper, Lake Side	800,000	OZAUKEE COUNTY— P. J. Krohenke, Thinesville Wm. M. Foster, Pt Washington	<b>300</b> ,000
Octumbia County— O. C. Williams, Cambria R. C. Falconer, Portage Thomas Powers, Wyocena	300,000 300,000 300,000	PORTAGE COUNTY—	600,000
Dane County—		F. B. Lamoreaux, Stevens Point RACINE COUNTY—	,
E. P. May, Cambridge  Dodge County—	800,000	T. f. Shepard, Yorkville	300,000
James M. Cole, Waupun	800,006 800,000 800,000	SAUK COUNTY — J. T. Huntington, Delton	300,000
FOND DU LAC COUNTY— J. V. Northrup, Waupun	900,000 300,000	SHEBOYGAN COUNTY— M. J. Burke, Waldo	300,000
GREEN LAKE COUNTY— C. H. Britton, Berlin	800,000	WAUKESHA COUNTY — J. S. Stickney, Wauwatosa. J. W. Henning, Milwaukee.	300,000 300,000
IOWA COUNTY— D. L. Wiren, Mineral Point	800,000	J. G. J. Campbell, Nashotah	300,000 300,000 800,000
JEFFERSON COUNTY— David E. Bradley, Chicago	800,000	•	1,500,000
W. S. fish and game club, West Salem Thomas Barclay, Mindora	300,000 300,000	WAUPACA COUNTY— W. B. Jeffers, Sheridan Geo. N. Jeffers, Sheridan W. H. Sheridan, Sheridan James Button, Spring Water	300,000 300,000
LA FAYETTE COUNTY— E. P. Drake, South Wayne Samuel Briggs, South Wayne	800,000 800,000 800,000	Chas. R. Brainard, Waupaca	1,500,000
	600,000	Total for 1894	9,600,000

# Wall-Eyed Pike Distribution, 1893.

# WALL-EYED PIKE DISTRIBUTION, 1893.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
ADAMS COUNTY - J. W. Wilson, Kilbourn City	100,000	MILWAUKEE COUNTY— Geo. F. Trimberger, St. Martins.	100,000
COLUMBIA COUNTY— John Cuff, Portage L. L. Barney, Portage	100,000 100,000	ONEIDA COUNTY— C. L. Ryder, Milwaukee	200,000
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	200,000	OZAUKEE COUNTY— John Pineborn, Saukville	100,000
DANE COUNTY— W. W. Warner, Madison T. C. Lund, Stoughton	100,000 100,00	Occurro County— Geo. Beyer, Occurro	100,000
Dodge County-		ROCK COUNTY— P. M. Green, Milton	100.000
Gustavus Stolz, Beaver Dam August Sterr, Knowles M. E. Burke, Beaver Dan	100,000	SAUR COUNTY— Anson Priest, Reedsburg	100,000
John S oddart, Fox Lake	100,000 100,000 100,000	P. Lane, Reedsburg J. T. Huntington, Delton	100,000
G Schneider, Theresa	100,000	WALWORTH COUNTY-	800,000
Fond du Lac County Andrew Hill, Ripon	700, 000 100, 000	Sage & Co , Delavan,	100,000
F. Hamilton, Ripon	100,000	Washington County-	200,000
GREEN COUNTY — H. C. Putnam, Brodhead	20,000 100,000	A. G. Koco, Kewaskum WAUKESHA COUNTY—	100,000
E. T. War.en, Albany.	100,000	Herman Fehr, Milwaukee	100,000 100,000
	200,000	F. P. Hartwe'l, Dousman	100,000 100,000
JEFFERSON COUNTX— David E Bradley, Lake Mills	100,000	C. W. Mih brath, Milwaukee P J. Runwill, Milwaukee Louis Auer, Milwaukee	100,000 100,000 200,000
JUNEAU COUNTY— C. A. Leicht, New Lisbon	100,000		800,000
LA CROSSE COUNTY— Alex Johnson, West Salem	100,000	WAUPACA COUNTY— W. W. Brunner, Sheridan C. A. Spicer, Clintonville	200,000 200,000
LA FAYETTE COUNTY -	100,000	Waushara County—	400,060
Jas. Morgan, Darlington	100,000 100,000	C. A. Davenport, Auroraville R. L. D. Potter, Berlin	100,000 100,000
Jas. Tierany, Calamine	100,000		200,000
Marinerte County - L. E. Katzenstein, Milwaukee	400,000 100,000	S. A. Cook, Nernah	100,000 100,000
J. V Stevens, Amberg C. E. Rollins, Chicago	100,000 200,000	Coo. Panicison, Nechan	200,000
	400,000	Total for 1893	5,500,000

## Rainbow Trout Distribution, 1894.

## RAINBOW TROUT DISTRIBUTION, 1894.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
ADAMS COUNTY— Wm. Flegel, Strongs Prairie Jon Seeverson	10,000 10.000	Atley Peterson, Soldiers Grove J. O Davidson, Soldiers Grove Ole Knutson, Soldiers Grove	5,000 5,000 5,000
Ashland County—	20,000	Door County-	65,000
Nohi & Yarkee, Butternut	10,000	C. M. Whiteside, Sawyer	10,000
BARRON COUNTY - I. Sprague, Prairie Farm. G. E. Scott, Prairie Farm H. S. Comstock, Cumberland F. A. McDougald, Clear Lake. S. J. Packard, Canton	10,000 10,000 20,000 10,00 10,000	William Wegner. Superior  A. G. Alscamp, Superior	15,000 10,000 10,000 10,000
Brown County— Conrad Beth, Green Bay	60,000 10,000	John A. Bardov, Superior P. E. Waterbury, White Birch Charles Lord, White Birch W. E. Lowell, White Birch	10,020 10,000 10,000 10,000
I. G. Beaurmorst, Green Bay Louis Schaller, Green Bay	10,000 10,000 10,000	Dune Convey	95,000
E. L. Tyrell, Green Bay Val. Riesgee, Green Bay A. G. E. Holmes, Green Bay. Jerry Coleman, Henrysville. Constaine Hune, Green Bay. E. Boland, Green Bay	10,000 10,000 10,000 10,000 10,000 10,000	O. G. Kinney, Colfax F. J. Bawner, Wheeler A. Brickley, Boyceville O. J. Oleson, Colfax A. H. McCabe, Downing F. B. Sherwood, Wheeler	10,000 10,000 10,000 10,000 10,000 10,000
Val. Klesges, Green Bay C. F. Kimbali, Green Bay	10,000 10,000	FOND DU LAC COUNTY-	60,000
Buffalo County John D. McKenzie, Alma L. P. Hunner, Alma Andrew Miller, Alma Erik Alme, Nelson	120,000 20,000 10,000 10,000	E. J. Burnside, Ripon H. R. Hill, Ripon F. Hamilton, Ripon Geo. Loyd, Eden	10,000 10,000 16,000 10,000 10,000 10,000
CALUMET COUNTY - J. Schildhauer, New Holstein	50,000 10,000	W. C. Hamilton, Fond du Lac H. P. Cody, Ripon	10,000
CHIPPEWA COUNTY—  M. J. Humphrey, Stanley Steph-n Abrams, Stanley  R. D. Whittemore, Chippewa F's Frank Hunter, Chippewa Falis	10,000 10,000 15,000 10,000	Neis Ellingson, Boscobel	90,000 10,000 10,000
CLARK COUNTY— Chas A. VanDusen, Thorp Peter Cattanach, Snow	45,000 10,000 10,000	L. P. Henkel, Boscobel O. J. Bay, Miliville Jos, Horsfall, Miliville	
COLUMBIA COUNTY — B. C. Meacham, Portage	20,000	IOWA COUNTY—	10,000
CRAWFORD COUNTY— W. A. Chatterton, Wauzeka J. N. Kast, Belle Center Wilson Shockley, Belle Center Dr. A. B. Parrington, Belle C't'r J. H. Clark, Belle Center Jas. Ratan, Belle Center J. J. Hurlbut, Stuben Mathias Chapek, Wanzeka W. S. Manning, Soldiers Grove	5,000 5,000 5,000 5,000 5,000	JUNEAU COUNTY — Henry Shall, Mauston. Chas M. Grotre, Mauston Fred Elv, Mauston Wade Clark, New Liebon Jas. Lynn, Camp Douglas G. J. Hayes, Lyndon Station	10, 000 10, 000 15, 000 10, 000 10, 000

## Rainbow Trout Distribution 1894.

#### RAINBOW TROUT DISTRIBUTION, 1894-Continued.

Name and postoffice address of applicant.	No. of fieh.	Name and postoffice address of applicant.	No. of fish.
KRWAUNEE COUNTY-		MARINETTE COUNTY—Continued.	
Fred W. Fellows, Tuscaro	<b>10,0</b> 00	W. B. Stanton, Marinette	10,000
D. W. Stehbins, Ahnapee	15,000	Geo. Schlick Crivitz	20,000
John Fetzer, Ahnapee	10,000	David Wall, Marinette	10,000
· i	85,000	C. E. Rollins, Chicago J. V. Stevens, Wausaukee	15,000
LA CROSSE COUNTY-	30,000	A. Baker, Wausaukee	15,000 20,000
R A Lodd La Crosse	10,000	R. C. Meryman, Marinette	25,000
R. A. Lodd, La Crosse	10,00	20. 0. 22023	
W. J. Scott. La Crusse	10,000	!	850,000
A. Hiranneimer, La Crosse	10,000	MARQUETTE COUNTY-	•
West Salem Fish and Game Club,		C. E. Peirce, Germania	10,000
West Salem	25,000		
ţ-	42 000	Monroe County - Chas. Todd, Wilton	
	65,000	Chas. Todd, Wilton	10,000
LANGLADE COUNTY—	10.000	D. W. Cheeney, Sparta	15,000
Val. Sigot, Antigo	10,000 10,000	Edmund Trimm, Sparta	18,000
S. E. Leslie, Antigo Phillip Ryan, Summit Lake	10,000	Frank L. Prench, Sparta Fred Gross, Sparta	10,000 10,000
Jas. McHale, Antigo	10,000	Samuel Sloggy, Norwalk	19,0.0
John Veidt, Summit Lake	10,000	Edward Sloggy, Norwalk	10,000
Geo. M. Paine, Oshkosh	10,000		
(·		1	80,000
!	60,000	Oconto County -	•
LINCOLN COUNTY-		A. C. Frost, Mountain A. E. Edmunds, Oconto Falis N. W. Johnson, Farreil	10,000
H. A. Atcherson, Tomahawk	10,000	A. E. Edmunds, Oconto Falls	25,000
		N. W. Johnson, Farrell	10,000
MANITOWOC COUNTY-	43.000	J. J. Hoff, Milwaukee	10,000
Fred Kopping, Meggers	10,000	J. J. Holf, Milwaukee	15,000
		L. C. DeLanc, Abrams J. B. Wensing, Pensaukee	10,000
MARATHON COUNTY -	10,000	J. J. Hof, Milwaukee	10,000
C. L. Wyatt, Hatley	10,000	Wm. Underhill, Underhill.	10,000 15,000
D P Parchar Hatlay	10,000	Thos. savage, Underhili	15,000
F. C. Hulce, Unity	10,000	22001 Cavago, Codorman	
Louis Ecke. Dancy	10,000	i	180,000
F. C. Hulce, Unity Louis Ecte. Dancy Neal Brown, Wausau Ed. Parker, Mosinge	20,000	ONEIDA COUNTY—	-
Ed. Parker, Mosinee	10, 0 C	C. W. Fuldager, Rhinelander	10,000
Geo. W. Parker, Mosinee	10,000	J. O. Moen, Waudena	5,000
Geo. W. Parker, Mosinee	10,000	Frank Jilson, Pennington Paul Browne, Rhinelander	5,000
Frank Fellows, Mosines.	10,000	Paul Browne, Kninelander	5,000
C. S. Biair, mostnes	10,060 10,000	J. J. Reardon, Rhinelander	5,000
R. E. Parcher, Wausau	10,000		80,000
F. Jaeger, Wausau C. W. Tisdale, Wausau	10,000	OUTAGAMIE COUNTY	30,000
C. W. IISUMIC, Wandows		J. H. McMurdo, Hortonville	10,000
	150,000	0	,
MARINETTE COUNTY—	,	PIERCE COUNTY-	
Tonia Anon Milwankaa	10,000	Wm. S. Eagle, Spring Valley	10,000
L. E. Katzenstein, Milwaulee.	20,000		
R. C. Meryman, Marinette	10,000	POLK COUNTY -	
E. W. DeBower, Crivitz.	10,000	Thos. Thoen, Graytown	10,000
P. A. Bidour, Marinette	10,000	B	
L. E. Katzenstein, Milwaulee. R. C. Meryman, Marinette E. W. DeBower, Crivitz. P. A. Badour, Marinette C. E. Rollins, Chicago J. W. Monroe, Wausaukee	20,000	PORTAGE COUNTY—	10 000
J. W. Monroe. Wausaukee	10,000 20,000	L. C. Hoeffel, Stevens Point	10,000
E. C. Rollins. Wausaukee	15,000	PRICE COUNTY-	
T H Rolling Wansankee	10,000	Geo. Bennett, Worcester	10,000
F. H. Rollins, Wausaukee C. F. Dutton, Milwaukee	10,000	Chas. M. Durkee, Phillips	15,00
Geo. H. Heafford, Chicago	15,000	Chas. M. Durkee, Phillips C. S. Webster, Phillips	15,000
E. B Lewis, Marinette.	10,000	J. Cammell, Phillips	10,000
W. B. Stanton, Marinette	10,000	E. D. Sperry, Phillips	10,000
David Wall, Marinette	10,000	J. E. Feeley, Fifield	10,000
J. A. Badour, Marinette A. C. Meryman, Marinette	20,000	J. Cammell, Phillips E. D. Sperry, Phillips J. E. Feeley, Fifield W. F. Hizz, Ffield Ww. Turner, Fifield	15, 00 ₀ 15, 00 ₀
	25,00ul		

## Rainbow Trout Distribution, 1894.

## RAINBOW TROUT DISTRIBUTION, 1894—Continued.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. cf fish.
PRICE COUNTY—Continued. J. Hammell, Fifield	10,000		10,000 25,000
RICHLAND COUNTY— A. M. Bliss, Richland Center J. W. Ferguson, Wondstock	120,000 5,000 10,000	W W Jewett, Winooski	135,000 10,600 10,000
Abraham Lincoln, Neptune  A. Beckwith, Dion  R. D. Meeker, Woodstock  Geo. Mehaffey, Richland Center  E. H. Parfrey, Richland Center	5,000 10,000 5,000 5,000 10,000	S. Aiken, Winooski	10,000 10,000 35,000 85,000 80,000
F. W. Burnham, Richl'd Center H. W. Haskell, Lone Rock A. J. Cunningham, Rich. Center A. E. Paifrey, Twin Bluffs	5, (00 20,000 5,000 10,000	H. H. Huson, Plymouth	10,000 10,000 160,000
St. Crorx County— Charles Jones, Cylon J. T. McNamara, Cylon T. J. Lee, Cylon Ed. Goodrich, Cyloa F. F. Gray, Hudson M. Goldeburg, Hudson	85,000 10,000 10,000 10,000 10,000 10,000	O. L. Thomas, State Line N. L. Kinney, Eagle River Gerry Lumber Co	10,000 10,000 10,000 10,000 10,000
<b>U</b> ,	60,000	WASHBURN COUNTY— K. W. Lewis, Minong	10,900
SAUR COUNTY — J. T. Huntington, Delton P. J. Mihibauer, LaValle Frank Herfort, Baraboo	10,000 10,090 10,000	WASHINGTON COUNTY— 8. S. Berney, West Bend	10, 000 10, 000
SHAWANO COUNTY-	80,000	WAUPACA COUNTY	20,000
August Guhr, Whitcomb Theo. Buettner, Caroline D. C. Buckstaff, Whitcomb	10,000 10,000 10,000	C. E. Johnson, Marble	10,000 10,000 10,000
Whitcomb Lumber Co., White'b J. Swenholt, Wittenberg Jos. Roemer, Tigerton A. E. Dedolph, Tigerton	10,000 10,000 10,000	James Churchill, Marion Mark L. Paimer, Embarrass	10,000 10,000 10,000
G H. Goldrick, Aniwa	10,000 10,000 10,000	Frank P. Jones, Clintonville	10,00
J M Robinson, Shawano Wall & Bennett, Spit Rock W. A. Cottle, Mattoon	10,000 10,000 10,000		2,555.00

## Rainbow Trout Distribution, 1893.

## RAINBOW TROUT DISTRIBUTION, 1893.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
ADAMS COUNTY— Hill & Sue, Necedah	5,000	CRAWFORD COUNTY—Continued. Geo. N. Alderman, Barnum C. W. Lathrop, Barnum	5, 000 5, 000
Ashland County— George Sell, Glidden	5,000	Dane County—	25,000
BARRON COUNTY— H. Brown, Cumberland	5,000	I. G. Brader, Mt. Vernon	10,000 10,000
J. E. Horsman, Rice Lake H. S. Comstock, Cumberland F. A. McDougaid, Clear Lake	5,000 20,000 5,000	Dodge County—	20,000
Sewell A. Peterson, Rice Lake P. E. Olson, Rice Lake	5,000 5,000	August Sterr. Knowles	10,000 5,000
Brown County—	45,000	Douglas County-	15,000
Geo. Hampt, Green Bay Valentina Klesgos, Green Bay	5,000 5,000	John Bergin, Gordon	5,000
A. G. E. Holmes, Green Bay R. J. Black, Fort Howard. E. L. Tyrell, Green Bay	5,000 5,000 5,000	H. O. Grob, Menomonee William H. Smith, Eau Galle	5,000 10,000 5 000
BAYFILD COUNTY-	25,000	F. S. Sherwood, Wheeler	5,000 10,000
C. W. Haskins, Cable	5,000	F. J. Basner, Wheeler O. G. Kinney, Colfax	5,000 5,000
BUFFALO COUNTY— Christ. Serum, Nelson. L. P. Hunner, Alma John Leonhardy, Alma	5,000 15,000 5,000	F. S. Sherwood, Wheeler A. A. Cutter, Eau Claire, F. J. Baaner, Wheeler O. G. Kinney, Colfax J. E. Dennis, Downing D. D. McPherson, Lochiel A. H. McCabe, Downing.	5,000 5,000 5,000
		Eau Claire County—	60,000
Chippewa County— Chas. Revoir, Eggleton R. D. Whitmore, Chippewa Falls	5,000 5,000	B. S. Philips, Eau Claire Henry Russell, Augusta	10,000 5,000
L. K. Knox, Chippewa Falls Daniel Clark, Cadott D. L. Mohr, Edaon E. L. Tiffany, Cadott	10,000 5,000 5,000 5,000		15,000 20,000 20,009
2. 22 21111113, 044000	85,000	1	40,000
CLARK COUNTY— Byron Pickering, Nevins	5, 000	Fond Du Lac County— Geo. Abel, Eden N. c. Kellog, Eden	20,000 5,000
J. C. Brill, Columbus	5,000	Jessie Northrup, Waupun H. P. Cody, Ripon	5,000 5,000
J. H. Dooley, Portage Geo. Younglove, Cambria	5,000 5,000 5,000	Louie Northrup, Waupun F. F. Parsons, South Byron	5,000 5,000 5,000
F. Bradley, Fail River	10,000 5,000	GRANT COUNTY—	50,000
wm Seis, Columbus J. H. Dooley, Portage Geo. Younglove, Cambria G. A. Leffingwell, Rio W Bradley, Fail River Thes. Hackle, Lodi E. T. Russell, Poynette. E. E. Hinkson, Poynette James Wilson, Poynette A. J. Turner, Portage	5,000 5,000 5,000	Joseph Horsfall, Millville	5,000 5,000 5,000
F. H. Hasbrook, Portage	10,000 5,000	S. J. Fisher, Musdoda. G. W. Fessell, Muscoda. O. J. Bay, Milliville. F. W. Schnitt, Boscobel	5,000 5,000
Wilstam Annacker, Portage Meachers & Ketchan, Portage	8,000 5,000	O. J. Bay, Millville F. W. Schnitt, Boscobel	5,000 5,000
	95,000	GREEN LAKE COUNTY—	85,000
CRAWFORD COUNTY— Geo. Wachter, Prririe du Chien J. P. Sarnum, Prairie du Chien	5,000 5,000	G. W. Morton, Berlin	5,000 5,000

#### Rainbow Trout Distribution, 1893.

## RAINBOW TROUT DISTRIBUTION, 1893 - Coatinued.

Name and post-office address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
Iowa County — Herman Roth, Avoca	5,000	MARINETTE COUNTY—Continued. H. C. Bell, Milwaukee	20,000
IRON COUNTY-		Geo. H. Heafford, Chicago Geo. Schlick, Ellis Junction	40,100 20,000
M. S. McGehan, Hurley	10,000	·	195,000
Jackson County — L. W. Drew, Trout J. T. Simpson, Black River Falls	5,000 10,000		5, 000
E. E. Moore, Merrillan Moses Bone, Merrillan	5,000 5,000	OCONTO COUNTY—	,
Geo. W. Purnell, Merrillan	5,000	Anson Eldred & Sons, Stiles	5,009 5,000
JUNEAU COUNTY-	80,000	J. J. Hof. Milwaukee Thomas Coffin, Abrams	15,000 5,000
Henry Shall, Mauston	10,000 20,000	Oneida County-	80,000
J. J. Seaverson, Strong's Prairie G. J. Hayes, Lyndon Station	5,000	Geo F. Bidwell, Milwaukee N. M. Brezee, Milwaukee H. G. Flieth, Milwaukee	20,000 20,000
G. J. Hayes, Lyndon Station	53,000	H. G. Flieth, Milwaukee	29,000 10,000
LA CROSSE COUNTY— Alex. Johnson, West Salem Evan Torgeson, West Salem	5,000	H. C. Buhwe, Minocqua. Yawkey & Lee Lumber Co., Hazlehurst	10,000
Evan Torgeson, West Salem Thos. McEldowney, West Salem	5,000 5,000	•	80,00
Thos. McEldowney, West Salem John Ruland, West Salem D. R. Lewis, West Salem	5,000 5,000	Samuel J. Ryan, Appleton	50,000
August Luce, West Salem	5,000 5,000 5,000	Geo. Larkin, Seymour	5,000 55,000
John Mikkelson, West Salem J. L. Van Wormer, West Salem.	5,000 5,000	W. H. Huntington, Durand	10,000
_	50,000	Geo. Tarrant, Durand	10,000 10,000
Lincoln County— Frank Smith, Merrill.	5,000	i l	10,000
Ira Whitehouse, Irma H. A. Atcherson, Tomahawk W. H. Bradley, Tomahawk	5,000 5, <b>00</b> 0	Druman Commun	40,00
Geo. B. Crapsey, Irma W. H. Cannon, Merrill	10,000 5,000 10,000	A. Combacher, Ellsworth William Rarnard Lost Creek	5,000 5,000 5,000
., 11, 000101, 1101111111111111111111111	40,000	H. C. Stark, Martell	5,00
Manitowoc County— Charles Roethel, Ada	5,000	V 65100)	10, <b>0</b> 0 10, <b>0</b> 0
MARATHON COUNTY—	10.000	J. B. Carson, Maiden Rock John F. Davis, Maiden Rock W. W. Walsingham, Maiden	5,00 5,00
Henry Seim, Wausau Frank fellows, Mosinee	10,000 5,000 10,000	Rock	5,00
H. C. Dern, Wausau. P. J. Reis, Wausau	10,000	W. C. Condit, Rock Elm	5,00 5,00
Geo. B. Marshall, Wausau	10,000 10,000	PORTAGE COUNTY—	65,60
Edward C. Hall, Jr., Wausau C. E. Gunther, Knowlton D. W. Parcher, Wausau	10,000 5,000	Simon Stenerson, Alban P. H. Wolden, Alban	5,00 5,00
D. W. Parcher, Wausau Neal Brown, Wausau	10,000 15,000	John Ken. Ambert	5.66 5,00
Marinette County—	105,000	PRICE COUNTY-	20,00
A C. Meryman, Marinette C. E. Rollins, Chicago J. V. Stevens, Amberg	5,000 20,000	John J. Lansworth, Ogerna Chas. M. Durkee, Phillips	5, 00 10,88
J. V. Stevens, Amberg	20,000	C. S. Webster, Phillips	10,00

# Rainbow Trout Distribution, 1893.

## RAINBOW TROUT DISTRIBUTION, 1893—Continued.

Name and postoffice address of applicant.	No. of fish.	Name and postoffice address of applicant.	No. of fish.
PRICE COUNTY—Continued. M. Barry, Phillips	16,000	WAUPACA COUNTY— E. W. Brown, Weyauwega	5,000
E. D. Sperry, Phillips	10,000 10,000	W. W. Brunner, Stetman	5,000 5,000 5,000
RACINE COUNTY—	55,000	W. J. Chamberlin, Waupaca A. J. Poli, Waupaca	5,000 5,000
W. R. Vance, Racine	15,000 15,000	Wm. R. Parks, Iola Charles J. Wallace, Iola. M. S. Stroud, Symco	5,000 5,000 5,000
RICHLAND COUNTY— E. H. Parfrey, Richland Center.	80, 000 85, 000	Ole Sether, Scandinavie Chas. H. Anderson, Scanainavia	10,000 5,000 10,000
ST. CROIX COUNTY— F. P. Wilson, Boardman	5,000	W. R. Craig, Reyalton	75,000
C. A. Greene, Hudson D. H. Syme, Glenwood H. C. Constance, New Richmond	5,000 5,000 5,000	WAUSHARA COUNTY— Jas. H. Sherlock, Pine River	5,000
H. S. Beebe, Cylon J. D. Kinney, New Richmond F. C. King, Glenwood	5,000 5,000 5,000	A. M. Kimball, Pine River C. H. Britton, Berlin	5,000 5,000 5,000
SHAWAKO COUNTY—	85,000	R. L. D. Potter, Berlin	5,000 5,000 10,000
D. E. Wescott, Shawano SREBOYGAN COUNTY—	50,000	C. B. Skinner, Berlin	45,000
Car: Vater, Plymouth Peter Vanderhoof, Plymouth Wm. Trowbridge, Plymouth Wm. stalge, Scott Peter Martch, Cascade	5,000 5,000 5,00 5,00 5,000	WINNEBAGO COUNTY— J. S. Hunter, Picketts	5,000
VILAS COUNTY—	25,000	L. S. Cohn, Wausau	5,000 5,000
C. L. Ryder, Milwaukee H. F. Whitcomb, Milwaukee	20,000 20,000	D. M Huntington, Grand Rapids	5,000 5,000 5,000
WASHBURN COUNTY—	40,000	B. F. Baskins, Centralia Theron Lyon, Centralia	5,000 5,000
Henry Peck, Namekagon	5,000		85,000
WAUKESHA COUNTY— B. F. Goss, Pewaukee	10,000	Total for 1898	1,675,000

# BROOK TROUT DISTRIBUTION, 1894.

ADAMS COUNTY— L. M. Rene. Friendship Moorehouse creek.  BARRON COUNTY— D. Post. do Lightning creek. C. C. Coe do Brown's creek. Lincoln Johnson do Four Mile creek B. S. Morrison. do Four Mile creek B. S. Morrison. do Four Mile creek B. S. Morrison. do Tainter creek J. E. Horsman. do Tainter creek J. E. Horsman. do Hickey creek B. Sewell A. Petterson. do E. Brch., Miller creek P. E. Oleson. do E. Brch., Miller creek C. D. Kipp. do Rock creek W. H. Luce. do Little Bear creek M. W. H. Luce. do Miller creek S. W. Heintz do Miller creek S. W. Hines, do Saud creek S. W. Hines, do Saud creek S. W. Hines, do Saud creek W. N. Fuller do Big Spring brook W. N. Fuller do Ballas Upper Pine creek F. F. Morgan. Barron Johnson & Barrer creek Barron Johnson & Barrer creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek Lightning creek	5,000 5,00) 10,000 10,000 10,000 5,000 5,000 5,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000
BARRON COUNTY— D. Post	5,000 5,000 10,000 10,000 10,000 5,000 5,000 5,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000
D. Post Barron Red Eye creek C. C. Coe do Lightning creek D. Post do Lightning creek D. C. C. Coe do Brown's creek S. Christianson do Quader's creek S. Christianson do Pour Mile creek S. S. Morrison Rice Lake Phegema creek S. S. Morrison do Rock creek D. E. Horsman do Hickey creek Sewell A. Petterson do Hickey creek Sewell A. Petterson do E. K. Broyton do Cobb creek C. D. Kipp do Rock creek R. C. D. Kipp do Rock creek N. W. H. Luce do Little Bear creek N. W. Heintz do Silver creek H. S. Comstock Cumberland Hav river G. M. W. Hines, do Wernillion river F. M. Organ do Sand creek W. N. Fuller do Big Spring brook W. N. Fuller do Big Spring brook W. N. Fuller do Ballas Upper Pine creek	5,000 10,000 10,000 10,000 5,000 5,000 5,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000
D. Post do Lightning creek C. C. Coe do Brown's creek S. Christlanson do Quader's creek S. S. Morrison Rice Lake Phegema creek S. S. Morrison Rice Lake Phegema creek S. S. Morrison do Tainter creek S. E. Horsman do Tainter creek J. E. Horsman do Hickey creek Sewell A Petterson do Hickey creek E. K. Broyton do E. Brch, Miller creek C. D. Kipp do Rock creek W. H. Luce do Little Bear creek N. W. Heintz do Silver creek H. S. Comstock Cumberland Hay river F. M. Purtell do Wernillion river F. F. Morgan do Sand creek W. N. Fuller do Big Spring brook W. N. Fuller do Big Spring brook W. N. Fuller do Biglas Upper Pine creek	5,000 10,000 10,000 10,000 5,000 5,000 5,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000
C. C. Coe. S. Christianson.  do Quader's creek. Lincoln Johnson. S. Morrison. Rice Lake Phegema creek. S. Morrison. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. E. Horsman. J. Cobb creek J. E. Horsman. J. Cobb creek J. E. Brch., Miller creek J. E. Brch., Miller creek C. D. Kipp. J. Cobb creek C. D. Kipp. J. Cobb creek J. W. H. Luce. J. Cobb creek J. W. H. Luce. J. Cobb creek J. E. Horsman. J. Cobb creek J. E. Brch., Miller creek J. W. H. Heintz J. Cobb creek J. E. Horsman. J. W. Heintz J. Comstock J. Cumberland J. Hav river. J. Miller creek J. W. Hines, J. Cumberland J. W. W. Hines, J. Cumberland J. W. W. Forster J. Brown's creek J. E. Horsman. J. Willer creek J. E. Horsman. J. Willer creek J. E. Horsman. J. Willer creek J. E. Horsman. J. Willer creek J. E. Horsman. J. Willer creek J. E. Horsman. J. Willer creek J. E. Horsman. J. Willer creek J. W. H. Forster J. Willer creek J. W. B. Foster J. Dallas J. Drown Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Foster J. Lincoln Miler creek J. W. B. Lincoln Miler creek J. W. B. Foster J. Lincol	10, 000 10, (4t) 5, 000 5, (4t) 5, (0t) 5, (0t) 10, (0t) 10, (0t) 10, (0t) 10, (0t) 10, (0t) 10, (1t) 10, (1t) 10, (1t) 10, (1t) 10, (1t) 10, (1t) 10, (1t)
Lincoln Johnson   do   Four Mile creek	10, (ab.) 5, 000 5, 000 5, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000
S. S. Morrison   Rice   Lake   Phegema creek	5,000 5,000 5,000 10,000 10,000 10,000 10,000 10,001 10,001 10,001 10,001
S. 8. Morrison.	5, (m) 5, (ta) 5, (ta) 5, (ta) 10, (th) 10, (th) 10, (th) 10, (th) 10, (th) 10, (th) 10, (th) 10, (th) 11, (th) 12, (th)
J. E. Horsman         do         Tainter creek           J. E. Horsman         do         Hickey creek           Sewell A. Petterson         do         Miller creek           E. C. Oleson         do         E. Brch., Miller creek           E. K. Broyton         do         Cobb creek           C. D. Kipp         do         Rock creek           W. H. Luce         do         Little Bear creek           N. W. Heintz         do         Silver creek           H. S. Comstock         Cunberland         Har river           F. M. Purtell         do         Miller creek           S. W. Hines         do         Vermillion river           F. F. Morgan         do         Sand creek           W. N. Fuller         do         Big Spring brook           W. N. Foster         Dallas         Upper Pine creek	5, (to) 5, (to) 5, (00) 10, (00) 10, (00) 10, (00) 10, (01) 10, (01) 10, (02) 10, (03) 10, (04) 10, (04)
C D. Kipp.   do   Rock creek	10,000 10,000 10,000 10,000 10,000
E. R. Broyton. C D. Kipp. do Rock creek W. H. Luce. do Little Bear creek N. W. Heintz do Silver creek H. S. Comstock Cumberland Hav river. F. M. Purtell do Miller creek S. W. Hines, do Vermillion river F. F. Morgan do Sand creek W. N. Fuller do Big Spring brook W. N. Foster Dallas Upper Pine creek	10,000 10,000 10,000 10,000 10,000
C D. Kipp.   do   Rock creek	10,000 10,000 10,000 10,000 10,000
E. R. Broyton. C D. Kipp. do Rock creek W. H. Luce. do Little Bear creek N. W. Heintz do Silver creek H. S. Comstock Cumberland Hav river. F. M. Purtell do Miller creek S. W. Hines, do Vermillion river F. F. Morgan do Sand creek W. N. Fuller do Big Spring brook W. N. Foster Dallas Upper Pine creek	10,000 10,000 10,000 10,000 10,000
W. H. Lüce         do         Little Bear creek           N. W. Heintz         do         Silver creek           H. S. Comstock         Cumberland         Hav river           F. M. Purtell         do         Miller creek           S. W. Hines         do         Vermillion river           F. F. Morgan         do         Sand creek           W. N. Fuller         do         Big Spring brook           W. B. Foster         Dallas         Upper Pine creek	10,(400 10,(40) 10,041 10,044 10,040
N. W. Heintz do Silver creek H. S. Comstock Cumberland Hay river. F. M. Purtell do Miller creek S. W. Hines, do Vermillion river. F. F. Morgan do Sand creek W. N. Fuller do Big Spring brook W. N. Foster Dallas Upper Pine creek	10, (44) 10, (44) 10, (44)
H. S. Comstock         Cumberland         Hav river           F. M. Purtell         do         Miller creek           S. W. Hines         do         Vermillion river           F. F. Morgan         do         Sand creek           W. N. Fuller         do         Big Spring brook           W. N. Foster         Dallas         Upper Pine creek	10, 00.0 10, 00.0 10, 000
F         M         Purtell         do         Miller creek           S. W. Hines,         do         Vermillion river           F. F. Morgan         do         Sand creek           W. N. Fuller         do         Big Spring brook           W. B. Foster         Dallas         Upper Pine creek	10,00
S. W. Hines,         do         Vermillion river.           F. F. Morgan         do         Saud creek           W. N. Fuller         do         Big Spring brook           W. N. Foster         Dallas         Upper Pine creek	10,000
F. F. Morgan         do         Sand creek           W. N. Fuller         do         Big Spring brook           W. N. Foster         Dallas         Upper Pine creek           F. W. Borum         Barron         Johnson & Barker cr	
W. N. Fuller do Big Spring brook W. N. Foster Dallas Upper Pine creek F. W. Borum Barron Johnson & Barker cr	
W. S. Foster Dallas Upper Pine creek F. W. Borum Barron Johnson & Barker cr	10,000
F. W. Borum Barron Johnson & Barker cr	
l	eeks' 10,000
	190,000
BAYFIELD COUNTY—	1
John S. Owen Drummond W. Brch., Eighteen	
A Daviday Cable Creek	
A. Douglas Cable Slaughter House cree A. Douglas do Twin brook	
A. Douglas	
D	20,000
BUFFALO COUNTY— Michael Carroll	10,000
S. D. Hubbard	
S. D. Hubbard	5,000
S. D. Hupbard do Hadley's creek	5.000
S. D. Hubbard do Harvey creek	5,000
S. D. Hubbard do Ford creek	5,000
S. D. Hubbard do Whelan creek	5,000
L. D. Nogle Eleva Rosman creek L. D. Nogle do Havs Valley creek	5,000
L. D. Nogle	5,000
CHIPPEWA COUNTY—	50, 100
A fackson Ricomer Duncan creek	10,000
P. Bowler Chippewa Falls Bowler brook	10 000
W.F. Farmen do Trout hmok	10 (11)
J. F. Cergviff	10,000
C. B. Daker uv bitin frout creek	10,000
Leo Hatemer Bloomer W. Fork, O'Neil creek	10,000
CLARK COUNTY-	60,000
Peter Cattanach Snow W. Branch, Yellow ri	rer. 10,000
Columbia County-	
O. C. Williams	18,000
G. Leffingwell Rio Jones brook	10,000
	30, 600
CRAWFORD COUNTY— Mathias Chapek Wauzeka Plumb creek	10,000

## BROOK TROUT DISTRIBUTION, 1894. - Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
CLARK COUNTY-Contin'd.			
J. P. Barnum	Prairie du Chien	Dousman cooley	10,000
W. S. Manning	Soldiers Grove	Trout creek	10,000
John C. Bosch	do	Nap's creek	10,000
Atley Peterson	do	Soldiers Grove creek	10,000 10,000
Ole Knutson	do	Bear creek	10,000
010 ID14402		Jon. 0.002	70,000
DANE COUNTY-		<u> </u>	•
Christian O. Ruste	Blue Mounds	Brch., Pecatonica Lohr's creek Man creek Lynch creek	10,000 10,000
John Lohrs	Black Earthdo	Man anak	10,000
D. A. Barber Geo. Thatcher	do	Lynch creek	10,000
T. J. Hughes	do	Garfoot's creek	5,000
T. J. Hughes	do	Blue Mound creek	5,000
E. E Lawrence	Token	Token creek	10,000
C. J. K. Weltzen	Mt. Vernon	W. Brch., Sugar river	10,000
Dodge County-			70,00
O. H. Antwell	Waupun	Sanborn creek	10,000
W. N. Hamilton	Fox Lake.	Stoddart brook	5,000
W. N. Hamilton W. H. Thorpe	do	Spring brook	5,000
W. H. Thorpe	Beaver Damdo	Fardell brook	15,000
W. H. Thorpe	do	Shaw creek	15,000
	ł	•	50,000
DOUGLAS COUNTY— N. Lucius, Jr	White Birch	Brule river	10,000
DUNN COUNTY-			;
A R. Hall	Knapp	N Brch., Wilson creek	19,000
H. H. Brown.	Menomonie	Little Elk creek	10,000
Chas. H. Ingraham	do	Irvine creek	5,000
Chas. H. Ingraham	do	Knight's creek	5,000
Lett Ingraham	do	Lambs creek	10,000 10,000
Wm. Follett	do	Hay creek	5.000
Wm. Foliett	do		5,000
C. A. Leonard	do	. Mud creek	10,000
A. H. Peck	Knapp.	Annis creek	6,000
A. H. Peck F. S. Sherwood	do Wheeler	Bull Run creek	5,000
Samuel Loftlins	Sand Creek	Beaver creek	10,000
Samuel Politina	Sand Creek	Hay creek	
EAU CLAIRE COUNTY-			100,000
Darius Bresee		Six Mile creek	10,000
Darius Bresco	do	Rock creek	l 10.000
Henry Russell	Augusta	Bridge creek	10,000
A. A. Cutter A. A. Cutter B. S. Phillips	do	Eik creek	10,000
D S Phillips	do	Beaver creek	15,000
B. S. Phillips	do	Nine Mile creek	10,000 10,000
B. S. Phillips	. do	Lowe's creek	15,000
Tromas Kemp	Eau Claire	. Little Beaver creek	10,000
Thomas Kemp	.   do	. Clear creek	10,000
Thomas Kemp	., . do ,	Otter creek	10,000
John Ure, Jr	Badger Mills	. Ure creek	10,000
Warman I Comme			120,000
FOND DU LAC COUNTY— John Hill	Pinon	Gilver creek	10,000
J. V. Northrup	Waupun	Silver creek	10,000

## BROOK TROUT DISTRIBUTION, 1894.—Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
Fond du Lac County—Con.			
John Lonergan	Fond du Lac	Stanton creek	10,00
Geo. E. Tardice	West Rosendale	Covil trook	10,00
C. E. Updike	Fond du Lac	Robert's creek	5,00
C. E. Updike	do	Coleman's creek	5,00
C. E. Updike	do	Phillip's brook	5,00
C. E. Updike Joseph Biesbier	do	Roses creek	5,00
Joseph Blesbier	Ashford Cambellsport	Blenbler stream	10,00
G. Vondegrinten	Fond du Too	McCullough creek	10,00
Christ Gieger Wm. Clumb	Fond du Lac	Selter creek	10,00
Ches F Celso	Elmore	Proper Cheberran des	10.0
Chas E Coise	do	Branch Sheboygan river. Branch DeNeven creek	10,0 5,0
Chas F Goise	do	Pike creek	3,0
Chas. F. Geise	do	Parson's steam	5,00 5,00
Chas. F. Genec		Parson's steam	5,0
RANT COUNTY-			. 120,00
T. R. Cheesebro	Muscoda	Indian creek	10,0
A. Kaltenbach	Potosi	Potosi Branch	10,0
Peter Glerews	British Hollow	British Hollow creek	10,00
J. P. Walker P. L. Henrichs	Boscobel	Trib., Show Hollow creek	10,0
P. L. Henrichs	Boscobel do	Trib., Show Hollow creek	10.0
A Shumachar.	Potosi	Spring branch	10.0
J. B. Horsfall	Potosi	Mill branch	10,0
A. B. Lvnn	Mt. Hope	Little Green creek	10.0
Calvin Jones	Woodman	Little Green creek	10.0
F. W. Schmitt	Boscobel	Mertz branch	10,0
L. M. Oakev	Cassville	Mill branch	5.0
L. M. Oakey	do	Mill branch	5,0
L. M. Oakey L. M. Oakey H. W. Brown	do	Maradeo creek	10.0
Thomas F. Orton	do	Austin !creek	10,0
Frea P. Meyer	ao	Borah branch	10,0
H. A. Davis	Montfort	Badger creek	10.0
Daniel Adams	do	Numan's branch	10,0
Robt. Numan	. do	Numan branch	10,0
F. B. Callis	Lancaster	Walker Branch.	10,0
F. B. Callis Nels Nelson	do	Grant river	10,0
Nels Nelson	Castle Rock	Blue River	10,0
REEK COUNTY-			200,0
Edwin Ludlow	Monroe	Skinner's creek	5,0
Edwin Ludlow	do	Richiand creek	5,0
John C. Beeker	Monticello.	Little Sugar creek	10,0
TOLL O. Decler	MOMBIOO110	Antitio Bugan Crook	30,0
			20,0
REEN LAKE COUNTY— Geo. W. Morton C. H. Britton	Berlin	Warren creek	10,0
C. H. Britton	do	Sucker creek	10.
O D Obinnas	do	Brush creek	10.0
H. K. Priest	Princeton	Black creek	δ,
H. K. Priest	do	Whittemore creek	5,6
Frank Wilde	do	Trib. to Green Lake	10.0
	1		
OWA COUNTY-	_		50,0
Albert M. Grinder	Perry	Branch Pecatonica	10,0
D. W. Jones	Perry Jonesdale	Jones brook	10.0
D. W. Jones	Dodgeville	Peter Mendt's creek	10,0
John I. Morris.	Ridgeway	Morris creek	10.0
A. Apple D. L. Wiren	Mineral Point	Terrier creek	10,0 10,0
D. L. Wiren James Kickpatrick	. do	Dog creek Rewey creek Merediths creek	10,0

# BROOK TROUT DISTRIBUTION, 1894—Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
Iowa County—Cont'd. John Billings Samuel W. Roese. Samuel W. Roese. Samuel W. Roese. Samuel W. Roese. Samuel W. Roese. Samuel W. Roese. Samuel W. Roese. Isaac Harris. F. F. Starry F. F. Starry	Cobb Dodgevilledododododododododododododododododododododododo	Blue river Blanchard creek Coon branch Dodge branch Snead creek Regan creek Col. Hollow creek Harris branch Walnut Hollow creek Mill creek	10,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000
JACESON COUNTY— E. B. Sanders. C. W. Elmore. Geo. W. Purneil. W. Purneil. L. I. Holcomb. E. Quackenbush E. Quackenbush E. Guackenbush E. E. Moore. E. E. Moore. R. D. Squires R. D. Squires R. D. Squires R. D. Squires L. T. Branch	Merillan Black River Falis do do do do Shamrock do do do do do do do do do do do do do	Hall creek French creek. E. branch Hall's creek. W. branch Hall's creek. Dumas creek Trout run Stonev creek T'ib. Robinson creek Hall's creek. Van Harsett's creek. Squaw creek Allen's creek. Allen's creek. Allen's creek. Hale's creek. Lowe's creek.	10,000 10,000 8,000 10,000 10,000 10,000 8,000 10,000 10,000 10,000 10,000 10,000
JEFFERSON CCUNTY— G. C. Marsfield J. D. Bullock J. D. Bullock H. T. Ames W. W. Ingraham	Johnson's Creekdodododo	Johnson's creek Bullock's creek Johnson's creek Waterloo creek Rock creek	185,000 10,000 5,000 5,000 10,000 10,000
Juneau County— James H. Rhodes. James H. Rhodes. Wade Clark. A. D. Gill. A. D. Gill. W. L. Morrison. W. L. Morrison. Henry Shall. James Lynn. E. B. Sturdevant	Mauston	S. Branch, Big creek. N. Branch, Big creek. McComber creek. McComber creek. Fountain creek. Peck's creek. Brewer's creek. Trib Lemonweir river. Headwaters, Baraboo.	5,000 8,000 10,000 5,000 5,000 5,000 10,000 10,000
LA CROSSE COUNTY— West Salem Fish and Game Club. West Salem Fish and Game Club. West Salem Fish and Game Club. West Salem Fish and Game Club. West Salem Fish and Game Club. A Hirshheimer.	West Salemdododododododododo	McEldomey creek	70,000 10,000 5,000 5,000 5,000 10,000

#### BROOK TROUT DISTRIBUTION, 1894-Continued.

Name of applicant.	Postoffice. Where planted.		icant. Postoffice. Where planted.		Postoffice. Where planted.		No. of tish.
La Crosse County—Con. A. Hirshheimer Buttles & Price Buttles & Price M. Tourtslotte M. Tourtslotte Nathan Clark Nathan Clark M. P. Wing M. P. Wing Thomas Barclay August Oraig Joe. Waulass, Sr	La Crosse Onalaska do La Crosse do Onalaska do La Crosse do Burrosse do Burrosse Burrosk Burrs	Bohemian valley creek. Sand creek. Half-way creek. Arutz creek Morrison creek. Sand Lake creek. Sand Lake creek. State road Cooley creek. Chipmunk Cooley creek. Flemming's creek Sand creek. Brown's creek.	10,000 10,000 10,000 10,000 10,000 10,000 15,000 20,000 90,000				
K. Knudson. E. I. Morrison. Gust Johnson. E. T. W. Barnes. E. T. W. Barnes. E. T. W. Barnes. H. W. Barnes. H. W. Barnes. H. W. Barnes. H. W. Barnes. W. R. Law. W. R. Law.	Blanchardville do do South Wayne. Darlington do do do do do do do do do do do do do	Knudson creek Yarkee Hollow creek Johnson creek Whiteside branch Scott branch Miller creek Burke's creek Mayne's branch Hawley's branch King's branch Levitt's branch	10,000 10,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000				
Lincoln County— August Res W. H. Bradley W. H. Bradley Ira Whitehouse	Merrill. Tomahawk. Tomahawk Irma.	Tribs. Copper river	10,000 15,000 8,000 10,000				
MARATHON COUNTY— Louis Ecke	Duicy Wausau do do do do do do do do do do Knowlton	Big Eau Plaine Plover river Plover river Sandy river Sandy river Big Rib river Big Rib river Buil Junior Little Rib river Scott creek Kennedy creek Hawk creek	10,000 20,000 15,000 15,000 15,000 10,000 10,000 10,000 10,000				
MARQUETTE COUNTY— E. H. Ingraham. William B. Graham Paul Welke. P. T. O'Connell. Eugene Solomon. Aug Wehrmac. Gottlieb Drewitz C. E. Pond. Samuel Stowe.	Packwaukee	Goodbue stream Graham's creek Trib, Mecan river Vreeland Creek Hot Springs Branch Montello river Montello river Montello river Keach creek	5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 6,000				
Monroe County— D. W. Cheney Edmund Trimm Frank L. French	Spartadodo	Barley's creek	10,000 10,000 10,000				

#### BROOK TROUT DISTRIBUTION, 1894—Continued.

Name of applicant.	Postoffice.	Where planted, 3	No. of fish.	
MONROE COUNTY-Con.				
Fred Gross J. W. Monroe J. Morrow	Sparta	Walrath Creek	10,000 10,000 10,000 10,000	
J. W. Monroe	do	Beaver Creek	10,000	
W. H. Blytton. J. W. Curran W. Y. Wiliams O. F. Lias. O. F. Lias.	do	Little Silver Creek	10,000	
J. W. Curran	do	Clear Creek	10,000 10,000 5,000	
W. Y. Williams	do	Big Creek	10,000	
O. F. Lias.	do	Ayers Creek	5,000	
Michael Fincain	Camp Douglas	Ash Run Brch. Baraboo River	10,000	
T. Buffmire	Camp Douglasdo	Elm Creek	5,000 10,000 10,000 5,000	
Samuel Sloggy Samuel Sloggy Edward Sloggy	Ontario	Brush Creek	5,000	
Samuel Sloggy	do	Cook Creek Billings Creek	5,000 5,000	
	do.	Hay Creek	5,006	
Chas. Todd	Wilton	Staten Creek	10,000	
Chas. Todd John Kenney C. H. Campbell	Homewood	Kenney's Creek	10.000	
C. H. Campbell	Cashtondo	Taylor Creek	5,000 5,000	
C K Erwin	Tomah.	Slaton Creek	8,000	
O. H. Campbell. C. K. Erwin. C. K. Erwin Louis Schaller.	do	Citton Creek	5,000 10,000 10,000	
Louis Schaller	do	KickapooCanaut Creek	10,000	
		Canaut Creek	10,000	
J. A. Wells H. C. Calkins	do	Flora Creek	5,000	
		Cole Creek	5,000	
E. M. Hamilton	do	Cole Creek	5,000 5,000	
E. M. Hamilton	ao	Deer Creek	5,000	
M. L. Hinsman C. A. Thayer	do	Deer Creek.  Deer Creek.  Mill Creek.  Farr's Creek.	10,000	
Thomas McCane	do	Farr's Creek	10,000 10,000	
J. H. Smith	do	Conneil Creek	10,000	
D			270,000	
Perin County— August Thies	Pepin	S. branch of Little Plum		
ragas raco	_	Creek	10,000	
Bert Newcomb	Pepin.	Lost Creek	10,000	
J. Schneckloth	Pepin	W. Brch. Roaring River.	10.000	
PIERCE COUNTY-			30,000	
Martin Olson	River Falls	Kinnickinnic	5,000	
Martin Olson	do	South Forks	5,000	
A. Combacher	Elisworth	Rush River	10,000 10,000	
J. L. Moody. Spring Valley Land Co. W. E. Warren C. E. Meacham	do Spring Valley Ellsworth	Eau Galle River	10,000	
W. E. Warren	Ellsworth	Cave Creek	10,000	
C. E. Meacham	Prescott	Big River	10,000	
W. C. Condit	Rock Elm	Cave Creek	10,600 10,000	
W. C. Condit J. H. Brassington C. E. Fox	Rock Elm	Rush River	10,000	
		j 1	90,000	
POLE COUNTY- J. W. Dean	Clear Lake	Bull Brook	10,000	
Popper Correct		}		
PORTAGE COUNTY—	Amheret	Tomorrow River	10,000	
G. J. Powell	Lone Pine	Four Mile Creek	5,000	
A. J. Anderson G. J. Powell G. J. Powell	do	Five Mile Creek	5,000 10,000	
A. F. MALDAWSON	Reede	Moore Creek Little Plover River	10,000 5,000	
John C. Frost John C. Frost E. B. Bentley	do		5,000	
E. B. Bentley	Shanty Towndo	Shanty Town Creek	10,000	
J. H. Campbell	do	Big Plover River	10,000	

#### BROOK TROUT DISTRIBUTION, 1894—Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
RICHLAND COUNTY—			
RICHLAND COUNTY— M. J. Welch	Richland Center	Horse creek W. branch Mill creek	10,000
M. D. Rizer	Richland Center	W. branch Mill creek .	10.000
H. G. Sherman Geo. Milem	Richland Centerdo	Trib., E. branch Mill cr'k	10,000 10,000
Gus. Mehaffey	do	Camp creek	10,000
S. G. Curtis	do	Ash creek	10,000
S. G. Curtis H. W. Haskell	Lone Rock	Weitzel creek	10,600
A. Beckwith	Dixon	Bear creekBig Willow creek	10,000
Abraham Lincoln	Neptune		10,000
H. B. Allen N. L. James.	do	Hawkin's creek Martin creek	10,000 5,000
N. L. James	do	Mill creek	5,000
N. L. James	do	Mill creek	5,000
D. G. James,	do	Pier creek	5,000
D. G. James	do	Haseltine creek	5,000
D. G. James	do	Shambaugh cre k E. branch Elk creek	5,000 10,000
E. H. Parifey		E. DIAMEN EIR CIEGR	10,000
n =			140,000
ROCK COUNTY— J. E. Coleman	Evansville	W. branch Allen's creek	10,000
Arthur Spencer	do	Spring brook	10,000
E. B. Hubbard	do	Lin creek	10,000
Frank Vanpatten	do	Tributary to Athens crk.	10,000
Richard Valentine	Janesville	Tributaries of Rock river	20,000
ST. CROIX COUNTY-			60,000
Wm. A. Kay	Baldwin	Spring brook	10,000
H. B. Craue	Wilson	Wilson creek	10,000
BAUK COUNTY—			20,000
J. H. Carpenter	White Mound	W. branch Honey creek.	10,000
S E. Kaickerbocker	Wyoming	Wyoming creek	5,000
Brown & Davis	Spring Green	Jones Valley creek	5,000
Robert Bruce Erastus Mercer. John W. Proctor W. M. Hathaway B. D. Sherwood O. L. Brown Wm. Howlett W. E. Gosch W. E. Gosch S. Leffingwell Frank Herfort	Wyoming	Jones Valley creek Arrid creek Wilson creek	5.000
Leasus Mercer	Spring Green	Bowers creek	5,000 5,000
W W Hathaway	do	Cole brook	5,000
B. D. Sherwood	do	Bear creek	5.000
O. L Brown	I 00	Bear creek	5.000
Wm. Howlett	Leland Reedsburg	W. branch Honey creek. Darrow creek	5,000
W. E. Gosch	Reedsburg	Darrow creek	5,000 5,000
S Laffingwell	do	Deli creek  Caswell creek  Leach creek	10,000
Frank Herfort	Wonewoc	Leach creek	10,000
E G Stolte	Reedsburg	Pell creek	10,00
F. A. Foss	_ do	Hay creek	10,010
Frank Herfort E G Stolte F A Foss R. M. Matthews H. W. Konkel, Jr. H. W. Konkel, Jr. J. W. Fancher F. Bu-bler F. Bu-bler	Ironton.	Pell creek Hay creek Carr Valley creek	10,000
H. W. Konkel, Jr	Baraboodo	Liberty creek	5,000 5,000
W O Cannon	Valton	Little Baraboo	10,000
J. W. Fancher	Valton Prairie du Sac	Branch of Honey creek	10,000
F. Bushler	do	Branch of Honey creek	10,000
James M. Johnson	do	Otter creek	10,000
J. T. Huntington	Deiton	Spring brook	10,000
TREMPEALEAU COUNTY.			175, 600
L. L. O'Dell	Galesville	North and south branch-	
	·	es, Beaver creek	10,000
L. L. O'Dell	dododododo	French creek	5,000
A Wabas	do	Crystal Valley creek French creek	5,000 20,000

#### BROOK TROUT DISTRIBUTION, 1894.—Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
REMPEALEAU Co.—Cont'd			
L. E. Oleson	Galesville	Hardie's and Parsonage	
T G Doub		North and south branch-	10,00
F. G. Davis	do	er, Beaver creek	10.00
F G Davis	do	French creek	10,00 5,00
F. G. Davis	do	Marr's creek	5,00
M. C. Johnson	Оявео.	North branch	10.00
M. C. Johnson C G. Johnson	Hale	Elk creek	5,00
Henry Kried	Arcadia	Gangba creek	5,00
Henry Kried	do	Myers' creek	5,00
M. English	do Independence	Kelley creek	10,00
Chec P Miller	A soudio	Cook creek	20,00 5,00
C. H. Cook Chas. B. Miller H. A. Freemstad	Arcadia	Fuller Cooley creek	5,00
David Maloney	Elk creek	Fuller Cooley creek Bruce Valley creek	5,00
Andrew Steimach	Arcadia	Corporal's creek	6,00
M T. Stelmach	do	Corporal's creek	5.00
M T. Stelma h Peter Thompson	Wnitehall	Johnson Cooley creek	5.00
W. H. Carpenter	Independence	Travis creek	5,00
W. H. Carpenter	Biair	Carpenter creek	10,00
Martin Mattison.	do	Solvy Creek	5,00
Andrew H. Messingstad	do	Lake Cooley	5,00
J. G. Hanson	dodo	Wassie Cooley Tennison's creek	5,00
T. G. Thurston	do	Taintor's creek	10,00
N Harrick	do	Bear creek	5,00
N. Herrick Ole Larson	Whitehall	F.v.crusk	6,00
(Na E Myhra	Arcadia	Norway Cooley creek Cowie's creek	5,00
Joseph Fernholz	do	Cowie's creek	5,00
Herman Kried	do	Muir Valley creek	5,00
		i	235,00
TERRON COUNTY-		l	-
M. B. Davidson	Westby	Sveen creek	10,00
C. T. Shannon	do	Spring creek Upper Spring creek	10,00
Olef Nove	do	Upper Spring creek	10,00
SL H Dahl	do	Timber creek	10,00
C. W. Graves	Viroqua	Bagley creek. Harris in branch	10,00 20,00
C. W. Graves F. M. Min-hall	do	Bishop branch	10,00
August Smith	do	Sidge creek	10,00
			90,00
VALWORTH COUNTY -	Title ideases described	m	•
H. L. Halver-on Ward Bloodgood	Whitewater	Territorial creek Bloodgood's creek	10,00
H. M. Trippe	do	Whitewater lake springs.	10,00
T. D. Weeks	. do	Bluff stream.	10,00
Chas. Weeks	do	Territorial creek	10,00
B. Bulkley.	do	Otter creek.	10,00
		1	60.00
VASRBURN COUNTY-			
M. L Cary	Shell Lake	South fork Sawyer brook	10,00
Erik Dai-trom	do	Dalstrom's brook	10,00
W. B. Ourtiss A. H. Earle	do	Spring brook	10,00
James Foole Jr	do	Spring brook Carey's brook Bashaw brook	10,00 10,00
James Fogle, Jr L. H. Meade	do	Sawyer's brook	10,00
Frank G. scribner	Spooner	Beaver brook	10,00
			70,00
Vashington County— John Fries	Richfield	Trib. Oconomowoc river.	10.00
U-VMM F1400			10,00
Ernest F. Hasse			
Ernest F. Hasse	West Rend	Hasse branch.	10,00
Eroest f. Hasse S. S. Barney	West Bend	Streams in vicinity of West Bend	10,00

#### BROOK TROUT DISTRIBUTION, 1894-Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
WAURESHA COUNTY— F. H. Gault. Henry Bowman J. A. Lins. W. L. Stone	Waukesha	Spring brook	10,0.0 10,000 10,000
WAUPACA COUNTY— Ole Sether. Ole Sether. M. S. Stroud. M. S. Stroud. Arthur Lindsay. James Nykass. M. Ravn. M. A. Paulson. A. R. Lea J. H. Smith. W. H. Stow. W. B. Jeffers. Andrew Erickson. Oliver Oftson.	Scandinavia do Manawa do do do do Surat Scandinavia Waupaca Sheridan Sheridan Sheridan Sheridan	Ripley creek. Poli creek. Loweli creek Blake creek Blake creek Whitcomb creek Spring creek North and south branches Little Wolf river North branch Little Wolf river. South branch of To-mor- row creek Lumber creek. Peterson creek. Steadman creek Stoney creek Brick Dust creek	40,006 5,000 5,000 5,000 5,000 10,000 10,000 10,000 10,000 5,000 5,000 5,000 5,000
C. L. Reben	Sheridan Sheridan Sheridan Weyauwega	Silver creek Deadman's creek Gunderson creek Branch Waupaca River	5,000 5,000 5,000 10,000
WAUSHARA COUNTY.— Trumau Sears O. B. Marr. Geo. H. Fuller H. Bushweller John Sherlock J. W. Hollenbeck John Gordon F. M. Clark P. B. Munbrue C. A. Swart D. W. Jones W. B. LaSaile F. M. Smith W. A. Roblier G. W. Twist Geo. N. Spaulding W. A. Bugh W. Belter G. Stratton Thomas Curran J. S. Bugh Will Berry J. T. Ellison	Berlin Berlin Berlin Spring Lake Spring Lake Colebrook Auroraville Wild Rose Wild Rose Crdar Lake Wild Rose Crdar Lake Wild Rose Crdar Lake Wild Rose Wild Rose Wild Rose Wild Rose Plainfield Coloma Station Coloma Coloma Station Wauroma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma Wautoma	Mosquito creek Marr creek Spring creek Meadow creek Willow creek Willow creek Willow creek Cayton creek Clayton creek Clayton creek Pine river Rochacre creek Cowlan creek Peetwood creek Rochacre creek Little Mecan river White river and branches White river and branches White river and branches White river and branches White river and branches White river and branches White river and branches White river and branches White river and branches White river and branches Pine creek Decker creek	10,000 10,000 10,000 10,000 10,000 10,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000
WOOD COUNTY.— T. S. Tyler B. F. Haskins	Centralia	Seven mile creek	10,000 10,000
Total for 1894			3,765,000

#### BROOK TROUT DISTRIBUTION, 1893.

Name of applicant. Postoffice. Where plants		Where planted.	No. of fish.
SARRON COUNTY—		•	
S. S. Morrison	Rice Lake	Silver creek	5,0
J. E. Horsman	do	Rice Lake creek	8,0
Geo. McCluskey	do	Rice creek	5,0
Wm. H. Luce	do	'Englert creek	5,0
P. E. Olsen	do	E. branch Miller creek	5,0
D. L. Sainter	do	Rice Lake croek	5,6
N. W. Heintz.	do	Barker creek	5,0
J. L. Ankley	do	Tuscobia creek	5,0
Sewell A. Peterson	do	E. branch Pekagaman	5,0
			45,0
S D Hubbard	Mondovi	Harvey creek	5,0
S. D. Hubbard S. D. Hubbard	Mondovi do	Ford creek	5,0
S. D. Hubbard	do	Devil's run	5,0
<b>5. 5</b> . <b>2. 3. 3. 3. 3. 3. 3. 3. 3</b>	,		<u>_</u>
OLUMBIA COUNTY—			15,0
W. E. Annacker	Portage	Branch Neenah creek	5,0
BAWFORD COUNTY-			
Wm. Langdon	Seneca	Thompson's creek,	5,0
Wm. Erdenberger	Prairie du Chien	Creek in town of Prairie	
	l <b></b> .	du Chien	5,0
Samuel Mattie	Eastman	Large Spring stream	5,0
J. O. Davidson	Soldiers' Grove	Trout creek	5,0
J. O. Davidson		Soldiers' Grove creek	5,0
Tim Garity	do	Johnson creek	10,0
W. S. Manning	do	Bear creek	10,0
M. B Seward	Ball Conton	Knapp's creek	10,0
F. W. Lewis	Bell Center	Lewis branch	5,0 5,0
H. H. Lewis	do	Williams creek	5.0
C A Wolmen	do	Hall's branch.	5,0
W W Tete & Co	do	Sand creek	5,0
Frank A. Oerstein	do	Cow creek	5,0
John Lewis	do	Bacon creek	5,0
<b>J</b> OH <b>G D</b> OW <b>IS</b>	,	Discon Crock	<u> </u>
ANE COUNTY-	1		90,0
J. W. Kester	Black Earth	Handle creek	5,0
Chas. E. Baer	do	Hanson stream	5,0
Gilbert Holestine	do	Holestine creek	5,0
William Runge	do	Barnes creek	5.0
H. G. Goodlad	do	Otto Kerl creek	5,0
R. A. Hibbert J. R. Henderson	' do	Head Black Earth creek.	5.0
J. R. Henderson	Riley	Conor's creek	5,0
A. O. Anderson	Blue Mounds	Anderson creek	5.0
	1		40,0
ODGE COUNTY —	Decementile	Pig graph	40.0
Peter Netzinger	Brownsville	Big creek	10,0
John Deering	do	Branch Rock river	10, 0 10, 0
B. W. Sampson	do	Star Springs.	10,0
z umpovu		Svar Springer	
OOR COUNTY—			40,0
John Adamson	Voseville	Clark's lake creek	15,0
James Maples	Voseville	do	10,0
James Field		Forest creek	10,0
John Fetzer	do	do	15,0
	1	·	

#### BROOK TROUT DISTRIBUTION, 1893—Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.	
DUNN COUNTY—				
W. Schutte, Jr	Menomonie	Varney creek	5,000	
Lett Ingraham	do	Gilbert creek	5.000	
O. G. Anderson J. M. Ingraham	do	Annis creek	5,000	
J. M. Ingraham	do	Giibert creek	5,00	
A. Bonstad	do	Varney creek	5,00 5,00	
Joseph Josephson	do	Irvine creek	5,00 5,00	
George Hatter	Knapp	Hay creek	5,00	
H. H. Brown	Menomonie	Gilbert creek	5,00	
M Co			45,(0	
EAU CLAIRE COUNTY— E. R. Shutoo	Altoona	Six mile creek	5,00	
L. P. Hotchkiss	Eau Claire	Rock creek	5,0	
Eugene Britton	do	Hale creek	5,00	
Eugene Britton	do	Elk creek	5,00	
John Hunner	do	Rock creek	5,00 10,00	
Thomas Ken p	do	Bear and Clear creeks	10,00	
A. A. Cutter	do	Eighteen mile creek	5, 00	
A. A. Cutter	do	Elk creek.	5,00	
George F Winslow	do	Lorres creek	10,00	
William Owens	do	Clear creek	10,00	
B. s. Phillips	do	Tweive mile creek	5.00	
B. S. Phillips	do	Seven mile creek	5,00 5,00	
Ralph Rust	do	Twelve mile creek	10,00	
W. W. Straight	Fairchild	Bremmer creek	5,00	
Sylvester Lynch	do	Schufer creek	5.00	
R. M. McLaren	. do	Scott creek	5.00	
E. J. Foster	do	Bove creek	5,00	
Fond Du Lac County—			120,00	
George H. Miller	Fond du Lac	E. branch Fond du Lac	10,00	
A. A. Green	do	E. branch Fond du Lac		
L. T. Treliven	do	E. branch. Fond du Lac	5,0	
		river	5,0	
Jas. T. Green	do	E. branch, Fond du Lac	5,0	
8. Brutus Amory	do	Parson's stream	5,0	
H. S. Miller	do	Parson's stream	5,0	
S. D. Wyatt	do	Parson's stream	5,0 5,0	
1. T McLeon	do	Parson's stream	5,0	
A C Wagner	do	De Nevan creek	5,0	
A. B. Dve	do	De Nevan creek	5,0	
H. C. Moore	do	Woolen mill stream Woolen mill stream	5.0	
P. N. Owentin	do	Woolen mill stream	5,0	
L. C. Brewer	do	Trib. Milwaukee river	5.0	
77 77 4141		Trib. Milwaukee river	5.0	
F. E. Stocks	40	Trib Milwaukoo rivos	8.0	
F. E. Stocks	do	Trib. Milwaukee river	5,0 5,0	
F. E. Stocks H. W. Wilkener Chas. F. Geise A. C. Blankenberg	do	Trib. Milwaukee river Trib. Sheboygan river Trib. Sheboygan river	5.0	
F. E. Stocks	do	Trib. Milwaukee river Trib. Sheboygan river Trib. Sheboygan river Trib. Sheboygan river	5,0 5,0 5,0 5,0	
A. R. Keating	do	Trib. Milwaukee river Trib. Sheboygan river Trib. Sheboygan river Trib. Sheboygan river	5.0 5,0	
A. R. KeatingGRANT COUNTY—	do	Trib, Sheboygan river	5,0 5,0 5,0	
GRANT COUNTY— Fred Postel.	Muscoda	Wall branch	5,0 5,0 5,0 100,0	
GRANT COUNTY— Fred Postel.	Muscoda	Wall branch	5,0 5,0 100,0 5,0 5,0 5,0 5,0	
GRANT COUNTY— Fred Postel.	Muscoda	Wall branch	5,0 5,0 5,0 100,0	

#### BROOK TROUT DISTRIBUTION, 1898—Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
GRANT COUNTY—Con.			
Everet A. Utt	Lancaster	Harrison creek	5,000
W. J. Heathcoh	Preston	Liggett creek	5,000
Ole J. Seim Nels Ellingson	Castle Rock Boscobel	South Coon branch Bird creek	5,000 5,000
W. S. Manning	Muscoda	Manning's stream	5,000
			55,000
GREEN COUNTY— Nic. C. Durst	New Glarus	Trib, Little Green river	5,000
IOWA COUNTY-	D-1	D-4-3	
E. J. Bennett	Dodgeville	Brinker's creek	5,000
Richard Kennedy	do	Rig Spring branch	5,000 5,000
Richard Kennedy Ricahrd Kennedy	do	Big Spring branch Big Rock branch	5,000
John Rowe, Jr Edward Cullen	Dodgeville	Rowe's branch	5,000
Edward Cullen	Mineral Point	Carpenter branch	5,000
T. H. Sexton	Cobb	Cobo branch	5,00C
T H Surton	Mineral Point	Tery branch	5,000
T. H. Sexton J. M. Mulnairn T. H. Sexton T. H. McMurr nugh	Mineral Point.	Phillip's creek	5,000 5,000
Samuel W. Reese	Dodgeville	Blauchard creek Col. Hollow creek	5,000
Samuel W. Reese Samuel W. Reese Samuel W. Reese Samuel W. Reese	do	Col. Hollow creek	5,000
Samuel W. Reese	do	Wickham creek	5,000
W. C. McManus	do Mineral Point	Strud creek	5,000 5,000
Henry Carpenter	do	Carpenter creek	5,000
Henry Carpenter Hugh McDermott	do	Cond creek	5,000
Wm. C. Neffert	Arena	No Name Wyoming creek	5,000
Solon Knickerbocker .	Wyoming	Wyoming creek	5,000
C. H. Christopher Geo. Fessenfeld	Blue Mounds	Erickson creek Velminstin creek	5,000
Frank Brunner	Barneveld	Walcut Hollow creek	5,000 5,000
C. W. Scheiler	do		5,000
A. E. Arnesen	Barber	Breu, Pecatonica river	5,000
Jackson County-			125,000
Charles Sechler	Sechlerville	Sly creek	5,000
Cn ·rles Sechler	do	Withee's branch	5,000
L. T. Branen	Hixton	Lanes creek	5.000
Gay R. Sechler	Sechlerville	Slytereek	5,000
J. T. Simpson	do	Main Squaw creek French creek	5,000 5,000
R. D. Squires	do	Squaw creek	5,000
R. D. Squires	do	Pappoose creek	5,000
L. W. Drew	Trout	Trout run	5,000
Jefferson County—			45, 000
C H. Powers	Palmyra	Thos. Maw's creek	5,000
LA CROSSE COUNTY-	<b>.</b>		
Geo. H. Pooler	Onalaska	Halfway creek	5,000
Coas. Barber	do	Sand Lake creek.  E fork, Fish creek.  N. branch, Coon river Bostwick Valley creek	5,000 5,000
John R. Jones A. Hishheimer	La Crosse	N. branch. Coon river	5,000
A. Hishhelmer	do	Bostwick Valley creek	3,000
	Onalaska	Cooley creek	5,000
Butters & Price			5,000
Butters & Price John Erickson	Rockland	Fish creek	
Butters & Price John Erickson Geo. L. Kingsley	Rockland	Sand creek.	5,000
Butters & Price John Erickson Geo. L. Kingsley	Rockland	Sand creekBowers creek	5,000 10,000
Butters & Price John Erickson	Rockland	Sand creek	5,000 10,000 10,000 10,000

#### BROOK TROUT DISTRIBUTION, 1893-Continued.

a Crcsse Surr Oak West Salem fliddle Ridge. a Crosse flindora. do Sangor fliddle Ridge.	Mormon Coolis creek. Jackson creek Gill's creek. Breh., Coon creek Trib, to Mormon creek Flemming's creek. Outch creek Areutz creek	5,000 5,000 5,000 5,000 5,000 5,000 5,000
Burr Oak. Vest Salem diddle Ridge. a Crosse. dindora. do	Jackson creek Gill's creek Brch., Coon creek Trib. to Mormon creek Flemming's creek do Dutch creek	5,00 5,00 5,00 10,00 5,00 5,00
Vest Salem Middle Ridge	Gill's creek	5,00 5,00 10,00 5,00 5,00
Aiddle Ridge	Brch., Coon creek Trib, to Mormon creek Flemming's creekdo Dutch creek	5,40 10,60 5,00 5,60
La Crosse	Trib. to Mormon creek Flemming's creek Dutch creek	10,00 5,00 5,00
dindora	Flemming's creek	5,00 5,00
Bangor	Dutch creek	5,00
Sangor	Aroutz creek	5, (0)
nadie Riaxe	Areutz creek	
	17	5,00
T	M(11) below 1 mm 14	125,00
Warren	Middle br'nch, Wolf creek Burris branch	5.00
	Harris branch	5,00 5,00
do	Jones branch	5,00
	-	20,00
Merrill	Devil creek and trib	10.00
ferrill	Little Hay Meadow creek.	5,00
·	-	15.00
Powitowski	Scratch creek	10.0
Wausau	Cold brook	10.00
do	Huntington creek	10.00
do	Show creek	10,0
do	Rig Sandy creek	10,00 5.00
do	Little Rib river	10,60
	Buli Junior creek	5.0
do	Little Rib river	10.0
		10.0 5.0
fosines	Robert's creek	5.0
·		100,0
		10,0
do	Trout creek	10.0
do	Vandargoort creek	10,0 10,0
10	Mud creek	10,0
do	Council creek	10,0
parta	Sparta creek	10.0
do	FIOR Creek	10,0 10,0
	Tributary of Lemonwelr.	5,0
dc	Tarr creek	5.0
uanel City	Head-waters Tan creek	5,0
	Brush creek	10.0
	Paimer's creek	5.0 5.0
Sashton	Head of Brush creek	5,0
parta	Jewell creek	10,0
do	Bilver creek	10.0
do	Reaver creek	5.0 5.0
do'	Squaw creek	10.0
do	Bailey creek	10,0
1		195.0
		1 <b>0</b> . 0
	dododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	do Harris branch do Jones branch  lerrill Devil creek and trib.  Ierrill Little Hay Meadow creek.  Vausau Cold brook do Huntington creek do Snow creek do Big Sandy creek do Big Sandy creek do Little Rib river do Buil Junior creek Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rau Piaine river Robert's creek  Comah Head-waters Lemonweir do Mill creek do Mill creek Jo Mud creek Jo Mud creek Jo Mud creek Little Rib river Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river and tribs. Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little Rib river Little

#### BROOK TROUT DISTRIBUTION, 1893-Continued.

Name of applicant.	Postoffice.	Where planted.	No. of Fish.
IBRCE COUNTY— W. E. Warren J. T. Bowers	Elisworthdo	Cave creek	5,00 5,00
A. Combacher	ao	Trimbelle creek	5,00
J. B. Jenson	100	isahai creek	5,00
J. L. Moody William Bernard Leach & Langer	Lost Creek	Lost Creek	5,00 5,00
Leach & Langer	Trimbelle	'l'rimhelle mver	5,00
F. J. Burhyte	River Falls	Foster's spring	8,00
Martin Olson	do	Kinickinick, S. branch Rocky branch	5,00 5,00
			60,00
Mrs. F. M. Stevenson	Buck Creek	Little Willow creek	5,00
N. L. James	Richland Center.	Hazeltine crook	5,00
N. L. James	Direct	Piers creek	5,00 5,00
A. Beckwith. E. H. Pier	Richland Center	Willow creek.	10,00
W. H. Pler	do	Trib, west branch Pine	-
J. E. Coffland	do	river Babbs branch	5,00 5,00
R. C. Smith	do	Little Willow creek	5,00
G. H. Strong	do	Tributary, Willow creek. Byrds creek	5.00
E. W. Elliott L. S. Chitwood	Excelsior	Tributary, Knapps creek.	5,00 5,00
M J. McDermott	do	Tributary, Knapps creek. Branch of Knapps creek.	5,00
J. A. Collins	do	English creek	5,00
COCK COUNTY— B. W. Hubbard	Evansville	Allen's creek	70,00 10,00
T. CROIX COUNTY -	<b></b>	77111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	~ ~
C A. Greene	Hudson River Falls	Willow river (above falls) Ney's creek	5,00 5,00
		•	10,00
AUK COUNTY— Peter Wilkinson	Barrboo	Leech creek	5.00
Adlebert Fish	Reedsburg	Dell creek	5,00
F. M Baker	do	Babb's creek	5,00 5,00
F. F. Kitson	Lime Ridge	Willow creek. Tributary, Little Baraboo	5,00
R. Greenwood	INFOUSUULE,,		5.00
S. Mackey	do	Babb's creek	5,00 5,00
Brown & Davis	Spring Green	Wyoming creek	5,00
REMPEALEAU COUNTY -			45,0
D. L. Holcomb Virgil Borst	Arcadia	Newcomb creek	5,0
Foster O. Halstad	Independence	Borst creek.  E. branch, Chimney Rock	5,0
	-	creek	5,0
J. D. Olds	Pigeon Falls	Creek Olds creek	5.0
Christian Amundson	Independencedo	Eik creek Travers valley creek	5,0 5,0
TWAT NAIRAN Kulta	do	Borst valley creek King's creek.	5,0
H. E. Hotchkiss. C. E. Yeomans C. E. Yeomans	Osseo	King's creek	5,0 5,0
	1 30	Big creek	5,0
C. E. Yeomans	do	DIE CIOCE	0.0
J. D. Cooper. L. D. Nogle.	Eleva.	Cooper creek	5, 0 5, 0

#### BROOK TROUT DISTRIBUTION, 1893—Continued.

Name of applicant.	Postoffice.	Where planted.	No. of fish.
VERNON COUNTY— Ole N. Lien Brown Olson Gus Morterud John A. Neparud Louis Tontin C. T. Shannon J. K. Shines Alex Kolling S. B. Reque Shomas Sandbokken J. Melgoord Hans Simenson John C. Baglin M. A. Ueland	Westby do Bloomingdale Coon Valley Westby do do do do Lovas do do do do do do Westby do do do do do do do do do do do do do	Upper Stream creek West Kickapoo Gillette brch., Kickapoo. Coon creek Upper Spring creek. Spring creek Boglin creek Boglin creek Lower Coon creek West branch Coon creek Upper Coon creek Spring creek	5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000
WALWORTH COUNTY— B. Bulkley Chas. S. Weeks Chas. S. Weeks Henry M. Trippe Edward Engebre sen Geo. V. Phillips	Whitewater	Gould's Stream Territorial creek Bradway's creek Lima stream Coulin's stream Territorial creek	70,00 5,00 5,00 5,00 5,00 8,00 20,00 5,00
WAUKESHA COUNTY— Ernest Boettcher E. T. Taylor Wallace Goff Geo. Henderson John J. Ryan	Prospect	Blessinger's creek	85,000 5,000 5,000 5,000 5,000
Total for 1598			1,615,000

#### Summary of Trout Distribution.

### SUMMARY BY COUNTIES OF TROUT DISTRIBUTION, 1893 AND 1894.

	BROOK TROUT.		RAINBOW TROUT.	
Counties.	1898.	1894.	1898,	1894.
Adams	Nil. Nil.	10,000 Nil.	5,000	20,00
Ashland	45,000	190,000	5,000 45,000	10,00
Bavfleld	Nil.	20,000	5,000	60,00 Nii
Brown	Nil.	Nil.	25,000	120,00
Buffalo	15,000	50,000	25,000	50,00
Burnett	Nil. Nil.	Nil. Nil.	Nil.	Ni
Chippewa	Nil.	60,000	Nil. 35,000	10,00 45,00
Clark.	Nil.	10,000	5,000	20,00
Columbia	5,000	20,000	95,000	10,00
Crawford	90,000	70,000	25,000	65,00
Vane	40,000	70,000	20,000	Ni
Dodge	40,000 50,000	50,000 Nil.	15,000 Nil.	Ni
Douglas.	Nii	10,000	5,000	10,00 95.00
Dunn	45,000	100,000	60,000	60,00
Eau Claire	120,000	120,000	15,000	Ni
Florence	Nil	Nil.	40,000	N
Fond du Lac	100,000	120,000	50,000	90,00
Forest	Nil. 55,000	Nil 200,000	Nil. 85,000	Ni es c
Green.	5,000	20,000	Nii.	65,0 Ni
Green Lake	Nil	50,000	10,000	N
lowa	125,000	140,000	5,000	10.0
Jackson	45,000	185,000	30,000	Ni
ron	Nil.	Nil.	10,000	Ni
Juneau	5,000 NII.	40,000 70,000	Nil 55, 000	Ni er o
Kenosha	Nil.	Nil.	Nil.	65,00 Ni
Kewaunee	Nil.	Nil.	Nil.	Ñi
La Crosse	125,000	195,000	50,000	65,0
a Fayette	20,000	70,000	Nu.	N
angladeincoln	15,000	Nil.	Nii.	60,00
fanitowoc	15, 000 Nil.	40,000 Nil.	40,000 5,000	10,00 10,00
Marathon.	100,000	150,000	105,000	150,0
farinette	Nil.	Nil	125,000	850,0
darquette	Nil.	45,000	Nil	20.0
filwaukee	Nil.	Nil.	5,000	Ni
donrue	185,000 Nil	270,000 Nil.	Nil.	80,00
Dneida	10,000	Nii.	80,000 F0,000	180,00 180,00
Outagamie	Nil.	Nil.	55,000	10,00
Dzaukee	Nil.	Nil.	Nil.I	Ni
Pepin	NII.	80,000	Nil.	40,00
Pierce	50,000	90,000	65,000	10,00
Polk.	Nil. Nil.	10,000 60,000	Nil.	10,00
rice.	Nil.	Nil.	20,000 55,000	10,00 120,00
Racine	Nil.	Nu.	80,000	Ni
lichland	70,000	140,000	25,000	85,00
łock	10,000	60,000	Nil.	Ni
st. Croix	10,000	20,000	35,000	60,00
Sauk,	45,000 Nii.	175, 000 Nil.	Nil.	89,00
BawyerBhawauo	40,000	25,000	Nil. 50,000	Nii 155,00
		AU.UUU	W. UW	

#### Summary of Trout Distribution.

#### SUMMARY BY COUNTIES OF TROUT DISTRIBUTION, 1893 AND 1894—Continued.

Counties.	BROOK T	ROUT.	BAINBOW TROUT.		
COUNTIES.	1893.	1894.	1893.	1894.	
[aylor	Nil	Nil	NO.	NI	
Trempealeau Vernon	60,000 70,000	235, 000 90, 000	Nil. Nil.	Nii Nii	
Vilas	Nil.	Nil.	40,000	50.00	
Walworth	85,000	60,000	Nil.	Nil	
Vashington	NB.	40,000	5,000	10,00	
Washburn	Nil. 25,000	70,000 40,000	Nil. 10,000	20, 00 Nil	
WaukeshaWaupaca	NU.	125,000	75,000	80.00	
Waushara	Nii.	180,000	45,000	Nii	
Winnebago	Nil.	Nil.	5,000	NII	
Wood	Nil.	20,000	85,000	Ni	
Totals	1,615,000	8,665,000	1,675,000	2,555,00	

#### DISTRIBUTION OF IMPREGNATED LAKE TROUT EGGS.

Planted from boats fishing off from-	1893.	1894.
Sturgeon Bay Milwaukee Kenceha Detroit Harbor Manistique. Fish creek	6,300,000; 1,890,000 962,500	4, 102,000 4, 182,000 1, 967,500 Nil. Nil. 555,600
Totals	14,249,000	10,977, 009

#### DISTRIBUTION OF FULL-GROWN BROOK TROUT.

Planted in Nine spring creek (Dane county).  Planted in streams in the vicinity of Wausaukee (Marinette county).  Planted in streams in the vicinity of Bangor (La Crosse county).  Planted in Dousman creek (Grawford county).	3 000
Total	6,45

The fish planted as shown in above table were full-grown male trout, which had accrued in the ponds in excess of the number required to impregnate the eggs of the stock of females on hand.

#### Black Bass Distribution.

#### BLACK BASS DISTRIBUTION, 1893.

Where planted.	No. of fish.
Lake Geneva, Walworth county LaBelle lake, Waukesha county. Oconomowoc lake, Waukesha county. Rock river (at Watertown) Okauchee lake, Waukesha county. Nashotah lake, Waukesha county.	10,000 3,000 8,000 5,000 4,000 4,000
Total for 1893.	29,000

#### BLACK BASS DISTRIBUTION, 1894.

Where planted.	No. o
Daville laba Sauk county	
Devil's lake, Sauk countytock river (at Mayville)	
lear lake, Lincoln county	
omahawk lake, Lincoln county	2,0
Rib lake, Lincoln county	
loose lake, Lincoln county	1,0
None lake, Lincoln county	1,0
illver lake, Lincoln county	1,0
Rock river (at Janesville)	2,0
Pecatonica river (at Darlington)	. 2,0
Ineral Point branch, Iowa county	2,0
hain o'lakes, vicinity of Waupaca	8,0
ake DeNevan, Fond du Lac county	2,5
reen lake, Green Lake county	4.0
lewton lake, Marinette county	2,0
ass lake, Marinette county	2,0
eer Lake, Marinette county	2,0
opple lake, Chippewa county	3,0
Sardon lake, Douglas county	1,00
ond lake, Douglas county	1 10
Cound lake, Douglas county	1.0
ewaukee lake, Waukesha county	6,00
tockman lake. Wankesna county	. 1 80
rown's lake. Racine county	4,0
OCK lake, Jenerson county	4.0
urtz iake, milwaukee county	1.00
oot lake, Milwaukee county	1,00
ake Mendota, Dane county	8,00
Total far 1894	78,0

#### Whitefish Distribution.

#### WHITE BASS DISTRIBUTION, 1894.

Where planted.		sh.
elavan lake, Walworth county		36
reen lake, Green Lake county		
ibo laba Waahington connty		88885444
agawicka Lake, Waukesha county		ă
ardeeville lake. Columbia county	•••••	š
lission lake, Waukesha county	• • • • • • • • • • • • • • • • • • • •	,
khart lake, Sheboygan county	•••••	- 2
ock river (at Fort Atkinson)		- 4
ake Como, Walworth county	• • • • • • •	7
ake La Belle, Waukesha county	• • • • • • • •	-
conomowoc lake, Waukesha county	• • • • • •	•
conomowoc mar, waukesna county	• • • • • • •	
Made 1 de = 1904	1-7	1.9
Total for 1894	4	1, 9

The white bass distributed as per above table, were mature or full grown fish, full of spawn.

#### WHITEFISH DISTRIBUTION.

Name of place where planted.	1898.	1894.
Off from Port Washington harbor	5, 000, 000	
Off from Two Rivers	8,000,000	8,000,00
Off from Sheboygan harbor	2,000,000	3,000,00
Off from Kenosha	2,000,000	NiL
Off from Racine	2,000,000	NU.
Off from Little Sturgeon	4,00,000	1,000,00
Off from Oconto harbor	2,000,000	1,000,00
Off from Peshtigo	¥,000,000	1,000,00
At the mouth of Big Sturgeon	4,000,000	Nil.
Off from Green Island	2.000,000	8,000,00
Off; from Chambers Island	2,000,000	8,000,00
Off from Shoemakers Point (on reef)	Nil.	8,000,60
Off from Long Point	Nil.	8,000,00
Off from Squaw Island	Nil.	3,000,00
Off from Round Island	Nil.	3,000,00
Off from Bayfield	8,000,000	NU.
Off from Madaline Island	Nil.	3,000,00
n Chequamegon, Bay	2,000,000	Nil.
n Pikes Bay	Nu.	3,000,00
Totals	85,000,000	36,000,00

#### Statistics of Lake Fisheries.

#### STATISTICS OF LAKE FISHERIES, 1893 AND 1894.

		Number of	POUNDS CA	UGHT, 1894.	
Variety.	Lake Michigan.	Lake Superior.	Green Bay.	Lake Winnebago	Mississippi River.
Whitefish. Lake trout. Herring. Blue fins. Perch. Black bass. Other kinds All kinds.	90, 325 2, 454, 000 2, 800, 200 1, 475, 895	280,600 1,100,125 1,065,000 45,200	2, 950, 025		*2,225,000
Totals	7, 800, 490	2,460,925	15, 264, 597	1,748,000	2,225,000

Grand total, 28,998,942.

*Estimated catch.

#### STATISTICS OF LAKE FISHERIES, 1898 AND 1894.

		NUMBER OF	POUNDS CA	UGHT, 1898.	
Variety.	Lake Michigan.	Lake Superior.	Green Bay.	Lake Winnebago	Mississippi ,river.
WhitefishLake troutBlue fins	25,000 2,604,000 3,805,125 2,500,800	1,102,000	899, 100 3, 261, 000 11, 892, 130 68, 000		
Perch Black bass Other kinds All kinds	419,000		6,208,075 4,000 2,425,025		<b>*2,000,00</b>
Totals	8, 858, 425	8,078,245	24,845,880	1,986,025	2,000,00

Grand total, 40, 118,025.

*Bstimated catch.

#### Summary of Fish Statistics.

#### PROPERTY AND MEN, 1894.

	LARE MICBIGAN.		Lake S	UPERIOR.	GREE	BAY.	LAKE BA	Winne- 30.
	No.	Value.	No.	Value.	No.	Value.	No.	Value.
Gill nets	21, 242 400	\$116,448 58,920		\$6,240 9,540	3,700 280	\$14,800 55,000	965	\$5,825
Hoop nets Seines Men employed	950 15 600	1,600 1,412			2,000 15 400	30,000	410 240	2,245
Docks and build- ings		140,758 30,460 140,640	]	9,000 2,500 27,500	200	200,500 15,000 6,000	118	3,000 6,710

#### SUMMARY OF FISH STATISTICS, 1893 AND 1894.

In Wisconsin waters, in Lakes Superior, Michigan and Geeen Bay.

Year.	No. of pounds.	Value.	No. nets.	Value.	Persons em- ployed.	No. of boats.	Value.	Total value of all property.
	40,113,025 28,998,912	\$1,203,395 869,757		\$326,990 884,210				

Statistics of Fisheries of the U. S.

Showing Value of Products, Land and Waler Areas, Amount of State Appropriations, and Amount Appropriated per Square Mile of Land and Water Areas.—Compiled by A. G. Fletcher.

STATISTICS PERTAINING TO THE FISHERIES OF THE UNITED STATES.

Amount per square mile total water area and coast line.	######################################
Amount per square mile fresh water.	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Amount per square mile coare waters and line.	26
Amount per square mule total area	#\$1 1 1 2 8 2 2 8 2 8 2 8 2 8 2 8 8 8 8 8
Amount appropri- ated.	
Square miles of water area.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Square miles of lakes and ponds.	200 000 000 000 000 000 000 000 000 000
Square miles of rivers and atreams.	   6008318888888888888888888888888888888888
Equare miles of coast waters (bays, guifs,	760 514 514 514 516 516 516 517 517 517 517 517 517 517 517 517 517
Miles of coast line.	
Square miles of area.	######################################
Falue of flabery prod. ucts.	7.5.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.
Valu fish pro	ြွှစ်ထိတ်တိ <b>တ်</b> ကိ

#### Statistics of Fisheries of the U.S.

Status.	Value of fishery products.	Value of Square Inflahery miles of products.	Miles of coast line.	Square miles of coast waters (bays, guifs, etc.)	Square miles of river and streams.	Square miles of ponds.	Square Square Amount miles of miles of appropriates and water ated. a feet.	Amount appropri- ated.	Amount per square mile cotal area	Amount Amount t per quare grant mile coast mile raters and total area	Amount per square mile fresh water.	Amount Amount per guare per guare mile fotal mile water area fresh water.
Kansas West Virginia Nevada			82, 086 24, 780 110, 700			2860 2860 3860 3860 3860 3860 3860 3860 3860 3	380 1386 860	250 500 1,500	282	000000000000000000000000000000000000000	\$1 38 3 70 1 56	28 8 70 1 56

STATISTICS PERTAINING TO THE FISHERIES OF THE UNITED STATES—Continued

This is revenue received from oysterman, and is used in protecting the oyster industry. This is revenue received from permanent contrivances for catching salmon. This is revenue focilyed from het flahermen. * In figuring, \$60,000 is added. + In figuring, \$10,000 is added. ‡ In figuring, \$3,500 is added.

# EXPLANATORY

from fines in almost every state—not large amounts, but still a source of revenue.

The figures of the coast waters include the sinusoidtee only, although each state has jurisdiction three miles from shore. For convenience the length of coast line is added to the square miles of coast water area, in estimating amount allowed per square mile of same, instead of multiplying that length by three before adding. This is, perhaps, a better method, because of the fact that the protection given to coast waters is, with few exceptions, along the shore.

The value of products given are for 1892, and taken from "Statistics of the Fisheries of the United States," by Dr. H. M. Smith, of the U. S. Commission of Fish and Fisheries are coast-line figures were furnished by the U. S. Coast and Geodetic Survey.

The areas of land and water are taken from L. P. McCarty's "Annual Statistician," and are approximate areas made from careful estimates at the Burreau of Statistics, Washington, D. C. To these amounts should be added the sum derived The amounts shown by this table are, with few exceptions, the appropriations for 1893.

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#### BIENNIAL REPORT

OF THE

#### BOARD OF TRUSTEES

OF

## Milwaukee Hospital for Insane

FOR THE

Two Years Ending September 30, 1894.



MADISON, WISCONSIN: DEMOCRAT PRINTING COMPANY, STATE PRINTER. 1894.

#### MILWAUKEE HOSPITAL FOR INSANE.

#### Board of Trustees.

PAUL BECHTNER, -				•	Term expires first Monday in May, 1901
G. E. GUSTAV KUECHLE,		•		•	Term expires first Monday in May, 1900
ALFRED L. CARY, -	-		-		Term expires first Monday in May, 1899
CHRISTIAN WAHL, -		-		-	Term expires first Monday in May, 1896
H. H. CAMP,	-		-	-	Term expires first Monday in May, 1897
B. B. HOPKINS,		•		-	Term expires first Monday in May, 1896
S. H. SEAMANS, -	-				Term expires first Monday in May, 1895

#### Officers of the Board.

PAUL BECHTNER, President.
CHRISTIAN WAHL, Vice President.

A. F. WALLSCHLAEGER, Secretary County Treasurer, Ex-officio Treasurer

#### Executive Committee.

H. H. CAMP,

S. H. SEAMANS,

B. B. HOPKINS.

#### Visiting Committee.

ALFRED L. CARY,

G. E. GUSTAV KUECHLE.

#### Present Officers of the Hospital.

M. J. WHITE, M. D.,	•		-		-		•		-	Me	dical :	Supe	rintendent
WILLIAM BEUTLER,	M. D.,	-		-		-		-		- First	L Assis	stant	Physician
F. P. CARTER, M D.,	-		-		•		•			Second	l Assie	tant	Physician
E. L. KENYON,		-		-		-		-		-	-		rteward
MISS ADA MAXON.	-		-		-		-		-		•	-	Matron

#### Consulting Staff,

S. MARKS, M. D.
WILLIAM MACKIE, M. D.
ERNEST KRAMER, M. D.
WILLIAM FOX, M. D.

JACOB MENDEL, M. D. M. H. FISK, M. D. G. D. LADD, M. D. JACOB LANGE, M. D. WAUWATOSA, Wis., Feb. 19, 1895.

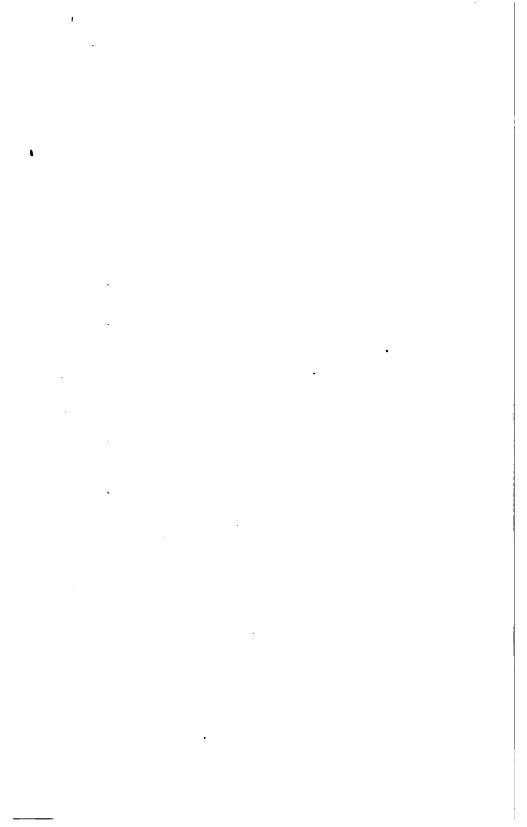
To His Excellency. W. H. UPHAM, Governor:

We have the honor to submit herewith a complete statement of all facts relating to the government of the Milwaukee Hospital for Insane during the two fiscal years ending September 30, 1894.

Very respectfully yours,

B. B. HOPKINS, President.

A. F. WALLSCHLAEGER, Secretary.



#### SUPERINTENDENT'S REPORT.

To the Honorable Board of Trustees:

Gentlemen:—I have the honor to transmit herewith my fourth biennial report of the operations of the Hospital for the two fiscal years ending September 30th, 1894; the statistical tables hereto annexed, will serve to show the movement of the population during that period.

The general health of the inmates has been remarkably good and the morale of the entire household all that could be desired. We have the good fortune to record the absence of epidemics, casualties and other untoward events.

A reference to the proper tables will exhibit the following facts:

There remained under treatment Sept. 30, 1892, males, 156; females, 148; making a total of 304 patients. The number of new admissions during the year was, males, 83; females, 74; total, 157. The re-admissions during the same period were, males, 27; females, 16; total, 43; making the total number under treatment 504, and the average number 321 168-365.

The discharges were as follows: recovered, males, 31; females, 21; total, 52. Improved, males, 28; females, 9; total, 37. Unimproved, males, 16; females, 9; total, 25. Not insane, males, 3; females, 2; total, 5. Transferred to County Asylum for Chronic Insane, males, 3; females, 1; total, 4. Discharged by death, males, 28; females, 22; total, 50. Making the total number discharged during the year 173, and leaving under treatment September 30th 1893, 331 patients.

The ensuing year the new admissions numbered, males, 80; females, 67; total, 147. Re-admissions, male, 35; females, 13; total, 48; thus making the whole number under treatment 526 and the average number 354 209-365.

The discharges during this period were: recovered, male, 30; females, 23; total, 53. Improved, males, 23; females, 12; total, 35. Unimproved, males, 16; females, 7; total, 23. Not insane, males, 3. Transferred to County Asylum for Chronic Insane, males, 4; females, 4; total, 8. Died, males, 17; females, 22; total, 39. Remaining under treatment September 30, 1894, 365 patients.

Commenting on the statistical tables I note the proportionately increased number of cases suffering from Acute Mania as compared with former years and would remark that much more favorable and permanent results are to be attained, as a rule, in the treatment of these cases than in other forms of This is readily conceivable from the fact that mental disease. cases of this type are brought to a Hospital in the strictly acute period when the malady is essentially a disorder of the functionating processes of the brain and before it has passed into a structurally damaged condition from altered nutrition. as is so frequently the case with those suffering from so-called "acute" melancholia. In the latter types to a very considerable extent, we find on admission evidences of organic changes and on further investigation we learn that peculiarities of temper and disposition, as evidenced by periods of depression and actual mental suffering, alternating with indifference and apathy, had existed for months prior to admission to the Hos-The disease had been allowed to run on unchecked and no means taken to insure suitable treatment, medical and moral, until the condition of resistance and obstinacy to be contended against on the part of family and friends and possibly the danger incurred in the care of the person affected, either to those attending him or to himself, finally rendered a deprivation of personal liberty necessary.

In cases of acute mania, on the other hand, the disease is usually so sudden in its accession and the manifestations so terrifying to family and friends that immediate action is generally taken to place the sufferer under custodial care and treatment, thus operating to the advantage of the patient and

to the statistics of hospitals in the way of an increased recovery rate. It will be observed that our statistics of discharges and deaths are very gratifying, viz., a recovery rate of 35 per cent. on the number admitted and a death rate of 8 per cent. on the total number treated. I would add that of the total number of deaths, a very large proportion were beyond fifty-five years of age and many suffered from the infirmities of extreme old age; a considerable number also were victims of essentially progressive and incurable types of disease.

Considerable has been said and written on the subject of the permanency of recovery from mental disease and it has, from time to time, been a matter for adverse and discouraging criticism on the part of superficial observers. I would say that after an experience of almost eleven years in the treatment of the disease, while possibly not so sanguine, as to results, as in the earlier period of my experience, yet when the character of the affection together with the lessened power of resistance to adverse conditions induced by one attack, the hereditary instability operating in many cases and the unfavorable conditions to be contended against in the daily life of the average patient in the outside world are taken into account, I am constrained to believe that the results are extremely gratifying and sufficient to warrant our belief.

The constant acquisition to the population of Hospitals of this character, of cases essentially chronic, though necessarily classed as new admissions, also tends in great measure to militate against a favorable showing in the way of recoveries.

The recent outbreak of small pox in the city occasioned us considerable uneasiness but with precautionary measures instituted as soon as the disease was declared to be epidemic in one section of the city and enforced up to the present time, we have thus far fortunately escaped the infection.

On August 14th the cottage in the rear of the Hospital building was opened for the reception of new patients and since that date none have been admitted directly to the wards. The new admissions are vaccinated and given an antiseptic bath,

their clothing being also fumigated; after two weeks' residence in the cottage they are admitted to the wards of the Hospital. Visitors are refused admission to the building and attendants stationed at Kenyon station and near the front gate to prevent strangers from coming into contact with patients who enjoy the liberty of the grounds unattended. All clothing sent to patients and all mail matter received has been fumigated before being distributed. The attendants have been forbidden to visit the city or to hold intercourse with any one from the city. In addition attendants and patients uniformly have been vaccinated.

By the adoption of these measures it is confidently hoped that the risk of infection will be effectually avoided.

The Turkish bath is still employed in the treatment of our patients and with the effect of contributing very materially to the general healthfulness and sanitary condition of the household; also as an undoubted palliative and an essentially curative measure in no inconsiderable number of cases of acute disease.

The mat and basket industry has been maintained in the Hospital and much good has been found to accrue to the patients from this regular and systematic means of occupation for mind and body; I regard this method of treatment for a large proportion of the insane in public institutions, who are without resource in the way of diversion for the mind, as being the most rational and humane capable of being pursued. Many recovered patients cheerfully testify to the benefits derived by them from the system and readily attribute their recovery, in large part, to its instrumentality. It is only necessary to observe the difference in demeanor; the general reslessness and irritability prevalent on the halls when, for any reason, work in the shop is temporarily suspended, to be convinced of the potency of this plan.

Two looms for the manufacture of rugs have been in operation for a number of months and have proven a valuable acquisition to our resources for occupation and diversion. More re-

cently two knitting machines have been added to our facilities and encouraging progress is being made in operating them. The percentage of those employed a whole or part each day is 82 per cent.; a most satisfactory showing. Reference to the proper table will show the amount of work done in this department.

The Sun room continues to afford an exceedingly useful as well as beautiful resort for the more feeble class of patients who were formerly unable to enjoy a change from their halls during the cold and inclement season; it is in use for eight months out of twelve and is greatly appreciated by all of the household, particularly during the dark wearisome days of spring.

Our service of night nursing, together with the use of the sanitary mattresses introduced from time to time during the past four years, has contributed to the comfort of our inmates in an immeasurable degree by the better atmosphere on the halls and the constant attention received by them during the night.

The past summer the practice of taking patients out regularly in the evening after supper and allowing them full use of the lawns until dark, was inaugurated. During the heated term this privilege was most thoroughly appreciated and served most effectually to dispel the tendency to restlessness and irritability formerly prevalent on the wards in such weather and to greatly promote quietude and refreshing sleep.

The following improvements have been instituted during the past biennial period: The congregate dining hall, of which mention was made in my last biennial report as having been established a short time prior to the issuance of the same. This system has fulfilled all that was predicted for it in the way of benefit to this afflicted class as well as in the matter of increased economy of food. The change thrice daily from the wards and the meeting together socially to partake of their food has been most grateful to them and has had the effect of stimulating to good behavior a great many who, under former

conditions were most mischievous and turbulent. To a casual observer the hall during meal time would present the appear ance of an ordinary hotel dining room, so quiet and orderly are its occupants. Increased capacity for about one hundred patients has been obtained by this change, the ward dining rooms having been converted into dormitories. I estimate that the room thus provided will, on a basis of the average increase for the past five years, render it unnecessary to make any provision for four years at least. I would simply state that this additional capacity was provided at a cost of about fifteen hundred dollars, a very trifling sum as compared with the expense of building a separate wing or a distinct institution at the or dinary rate of six hundred dollars per capita.

A wagonette with a seating capacity of twenty persons was purchased a year ago last summer and it has proven a most valuable acquisition to our means of promoting the healthfulness and enjoyment of our people. Frequent trips in the surrounding country have been made with pleasure and profit to many; thrice during the month the patients of the Catholic faith have been enabled to enjoy the services of their church at Elm Grove and at Holy Name church; when good sleighing prevailed the vehicle was mounted on runners and enjoyable rides through the country were frequently taken.

The past biennial period has witnessed the introduction on the wards of the electric door opening system devised by your superintendent. The work of equipping nine of the thirteen wards of the Hospital, which was authorized by your Honorable Board, was completed in the early part of July, 1893, and after a daily test from switches located in the attendants' rooms and a tri-weekly test from a switch board in the main hall of the administration building we feel assured of the thorough practicability and efficiency of the system. The patients are released daily by this means, on the ringing of the rising bell on each ward, operated from the same switch board, and to many of the more appreciative class the feeling of security engendered, in the event of fire or panic, is ample recompense

for the labor and expense incurred in the equipment. I would say that in the matter of life-saying appliances we have placed our Hospital far in advance of any institution, so far as I am informed, in this or any other country. With the conjoined operation of the automatic fire alarm system in use and the electric system of opening the doors, together with our ability to light the wards instantaneously from switches located in the attendants rooms-which change has been recently instituted-I can conceive of nothing remaining to insure perfect immunity from loss of life in the event of emergency. We are much indebted to Mr. Herman Andrae, of Milwaukee, who superintended the work of construction, for the thorough interest evinced by him and for valuable suggestions and aid rendered in making the system a success as well as for the thorough and workman-like character of construction.

In this connection I would add that the outside fire escape doors have been changed to open outward on the landing which is more in conformity with the ordinance relating to public buildings in cities.

The Turkish bath rooms have been thoroughly renovated; the wooden flooring has been replaced by granitic and all wood work, where it would come into contact with moisture, removed and cement substituted; the floors all pitched to a drain outlet so that the rooms can be irrigated thoroughly by means of hose connected for this purpose, the fresh air flues have been changed, from their location in the floor, to the walls and covered with a netting, thus rendering it impossible to contaminate the fresh air supply as was formerly the case. bath tubs have been installed for the use of those who prefer this manner of bath and with our showers, sprays and plunge, the rooms are most complete in their appointments and beyond all in a state of sanitary perfection. The bathing of practically the entire household is done in the rooms and far more satisfactorily than in tubs on the wards as formerly; the danger in the case of refractory patients being reduced to a minimum and the objections on the part of patients to using the tubs

after others removed entirely. During the months of July and August the male patients engaged in farm work and unloading coal are allowed the use of the plunge bath or shower, as they prefer, every evening, and the women occupied in the laundry, ironing room or other laborious work are allowed the same privilege late in the afternoon. In this connection I would make mention of the introduction of our new water heater with automatic regulating device; this has proven a most valuable safeguard against scalding as well as against the discomfort and annoyance formerly experienced with our old defective boilers, incapable of being regulated with any degree of nicety.

During the past summer fans, propelled by steam, were placed in the ironing room over the tables, with the effect of reducing the temperature very materially and assisting the ventilation of the room which in the sultry July days is exceedingly trying to the sensibilities of our female patients engaged in their work. A screen around the flat iron heater and awnings—made by our own labor—on the windows with western exposure have added to the effect of rendering the room still more comfortable.

Sliding doors, shutting off the lower end of the hall, have been placed in the Hospital wards and have proven in every way advantageous, particularly enabling us to separate the noisy and turbulent, who of necessity must remain on this ward at times by reason of their physical condition from those who are in need of quiet and rest.

The Morgue has been removed from its location in the rear of the south wing, where it was in full view of the female patients and formed a decidedly unpleasant feature in that it furnished food for reflection of anything but a healthul nature. It is now located in the glen north of the building, in a most desirable position inasmuch as it is not obtruding itself on the vision of our morbidly sensitive people. The road lights to the barn, which followed the old road through the grove, have been placed along the new road constructed at the end of the north wing, thus effecting a considerable saving in dis-

tance and a consequent saving in energy required. Switches cutting off the lights in the wings have been placed in the engine room so that light can be supplied to the administration building, where it is needed earlier, by means of the small dynamo, instead of turning on lights generally as formerly and which required the use of both machines. In this connection would add that the work of re-wiring the electric light system, as recommended by your superintendent and readily confirmed and authorized by your Honorable Board, is now in progress and when done in accordance with the requirements of the expert engaged for the purpose will, I feel assured, render us secure from the danger so frequently experienced with the old style defective wiring, conforming as it will to all the rules laid down by the board of fire underwriters.

Seventy-five additional iron bedsteads of a tasty pattern will soon be placed in use and will enable us to continue the work of displacing a considerable number of the old bug-infected wooden bedsteads in use since the opening of the Hospital. During the coming year it is much to be desired that we can complete the work of refurnishing with the iron article and hair mattress. Mattresses to the number of 153 have been made by our patients in the mat shop and 108 made over as the necessity required during the past two years.

Under the direction of the steward, much valuable work in grading in the rear and at the south end of the building has been accomplished in addition to the work of farming and gardening. The results attained in our garden are particularly gratifying, considering the drought experienced the past summer; we have done more in the way of canning and pickling than any season heretofore; tomatoes and string beans together with cucumbers pickled and sauer kraut in sufficient quantity to furnish the patients during the entire winter and spring have been provided.

The abolition of the unsightly and prison-like screen room in the violent wards is an object I have long sought to accom-

plish and after considerable experimenting I have devised a plan which fulfils the end desired..

In three rooms the inside wire screens have been removed and plate glass of the heavier grade set in the window sash. firmly secured by narrow strips of galvanized iron screwed to the outside. A pair of ordinary shutter blinds on the outside enables us to darken the room to any degree and a sash bolt in the lower part of the window sash, operated by a detachable key prevents the patient from raising the window and thus suffering exposure to the cold or disabling or destroying the outside blinds. Incidentally I would add that many windows have been furnished with a bolt of the kind described in rooms occupied by patients who are inclined to keep their window open and thus contract severe colds during the night. The new or transformed screen room differs in no wise in appearance from the ordinary sleeping room and after a trial of three months it has been found to answer the purpose in every particular; resisting any force applied by hand or foot on the part of some of our most violent and destructive patients. I would add that the cost of equipping a room in the manner described is comparatively trifling as the panes are so small, viz., 6 inches by 19 inches, that we utilize scrap glass for this purpose. This plan is novel and original, so far as I am aware, and I feel sure that when its advantages are understood and a comparison in appearance made with the old cell-like room it will be generally adopted. It certainly tends to dispel the idea of imprisonment so natural to a distorted mind as well as to prevent injuries self inflicted by means of broken glass which are of such frequent occurrence in Hospitals of this kind.

A simple device has been placed on the windows in the wards uniformly by which the rattling of the sash during windy weather is absolutely prevented; this constitutes a source of very material comfort to this class of people who require every condition favoring repose. An interior telephone service, connecting the wards with the medical office as a central point is

about to be established and it will undoubtedly prove most advantageous in facilitating the smooth running of the Hospital as well as indispensable in the many emergencies arising from time to time in the management of this misguided and irresponsible class. It is proposed to install one phone on each flat of two wards with extension bell on the front ward to insure perfect service. The central office will be located in the small room opening off the assistant physician's office and will be provided with a system of drops indicating the point from which the message is sent and a plug system enabling communication to be set up between any two points in the The magneto phone such as has been in use bebetween this building and the pumping station for a period of a year will be used and as the labor of wiring and connecting will be done by our engineer, the cost of this improvement is comparatively slight.

Under the head of improvements necessary during the coming year may be mentioned the following:

The entire basement floor is in such a condition as to demand renewal and this work cannot be longer deferred with a due regard for cleanliness and proper ventilation. As suggested in my last report the car tracks might be removed and granitic substituted, laying Milwaukee cement in the larger portion not used as a thoroughfare.

The floor in the bakery should be replaced with artificial stone to render it possible of being kept in a proper sanitary condition.

I have for some time been impressed with the necessity of providing something in the shape of lodges or pavillions in the grove which would furnish temporary shelter during the sudden showers incident to the summer season. Cheap and tasty structures of suitable dimensions, formed of posts with the bark on and the roof of slabs with bark not removed would answer the purpose perfectly and they could be constructed by our own labor and with very little expense for material.

The completion of the hennery adjacent to our barns is a

much desired improvement which I trust may be carried out the coming year; also the construction of lofts over this to be used for the storage of excess straw which at present has to be stacked in the field for lack of room.

With the increase of population during the past biennial period the present herd of cows is insufficient to provide an adequate amount of milk for our household; the herd should be gradually increased to thirty and to provide room for this increase I would recommend the erection of a modest and suitable stable adjacent to the Hospital building for the use of the driving horses, utilizing the space now occupied by them for the farm horses which are at present quartered with the cows in the basement of our barn. With our own labor and with stone collected from the farm and sand already at hand, the expense of this improvement would be extremely moderate.

Among our more remote needs may be mentioned the construction of detached pavilions with a capacity of fifty patients each, to be used as strictly Hospital wards; the wards set apart for this purpose at present are disproportionate in capacity and with the additional room provided in the manner previously described, they will sooner or later be absolutely inadequate for the purpose. I would recommend the erection of substantial and attractive pavilions at a moderate cost per capita in the rear of the Hospital and connected with the main building by underground corridors; these wards to be provided with all the facilities for the care of those suffering from purely physical ailments. These pavilions could be supplied with heat and light without any or at all events but slight addition to our present plant.

I would advise that at some time in the early future a cheap and tasty building, to be devoted to the use of the patients as a gymnasium and bowling alley, be erected in the grove, on the high bluff overlooking the river; such a building could be made to serve a variety of purposes, viz., as a resort for physical culture, as an assembly room in which to give our dancing parties during the summer season as well as for holding religious

services and providing altogether a pleasant and healthful resort for our people.

A home for attendants, located on the grounds adjacent to the Hospital building, is an improvement which it is hoped we can institute at some time in the future. I am convinced, from long personal association with the insane, that the benefits derived by the nurses and indirectly by the inmates would warrant a reasonable outlay for this purpose.

I cannot refrain from again touching upon the most pressing need of provision, on the part of the state, for the defective classes, including epileptics. Brief reference to this matter was made in my last biennial report with the hope that something material might be accomplished in this direction. necessity and I may add the imperative duty of the state in this matter has been most forcibly impressed upon me by the recent commitment of a child of the tender age of ten years; the boy while technically insane is in my opinion a most unsuitable case for detention in a Hospital of this kind; however, owing to his infirmity, viz., a lack of moral sense and a consequent tendency to the commission of unlawful acts, a condition constituting an essential disease, no alternative remained to the examining physicians but to recommend his incarceration among the insane. The child is bright, at least superficially so, and sufficiently imitative—so characteristic of his class—to enable him to profit to a very considerable degree by training in an institution adapted to cases of this nature. is most earnestly to be hoped that legislation looking to the establishment of a school, educational and custodial, will be effected at the coming session of our law makers.

Commenting on the financial showing for the past biennial period I would state that the weekly per capita cost of maintenance for the year 1893 was \$3.24; for that of 1894, \$3.16; making an average per capita cost of \$3.20 for the two years past.

The usual dances on Tuesday and Friday evenings, varied by an occasional phantom or donkey party and other enter-

tainments of an unique kind, together with the annual fourth of July picnic and Christmas tree festivities have been furnished the inmates and have contributed in a great measure toward relieving the monotony of their lives. The open door system in operation on two wards with extension of parole of the grounds enjoyed by patients to the number of seventy-five has had a correspondingly beneficial influence.

We are under renewed obligations to the Mission Band of Wauwatosa under the direction of Mr. D. G. Hawley, for their continued interest in our household. Since July last the weekly service was discontinued, owing to the quarantine established over the Hospital by reason of the presence of small pox in the city. A resumption of these services is anxiously looked forward to by our patients on the raising of the quarantine restrictions which it is hoped can be effected at an early day. In no less degree are we indebted to the clergymen of the Holy Name and Elm Grove parishes for their kindly and courteous reception of our patients at their services.

On behalf of the patients I desire to render grateful acknowledgment to the entire daily press of Milwaukee for copies of their issue gratuitously furnished.

Our sincere thanks are due Mr. C. P. Button, of Milwaukee, for the generous gift of a knitting machine for the use of the patients; likewise to Mr. Herman Gardner for a similar gift and for his kindly interest manifested in instructing our patients in the use of them.

Trustee B. B. Hopkins is entitled to our grateful acknowledgments for his kindly efforts in securing the admission of the patients to the last annual exhibit at State Fair grounds. This privilege was most thoroughly enjoyed by a large number of our people, ten bus loads availing themselves of the pleasure.

Trustee S. H. Seamans very thoughtfully contributed much interesting matter in the shape of magazines and periodicals for the use of the patients; likewise Mr. E. R. Paine, of Milwaukee. Mr. Anthony Dahlman, of Milwaukee, very kindly re-

membered our patients on fourth of July in the gift of cigars for general distribution among them.

We have been favored by visits, periodically, of the ladies of the flower mission and their presence and the reading matter and eatables furnished by them has had its usual cheering effect on the minds of the patients.

Doctors Fisk and Mackie, whose services have been called into requisition during the past biennial period, are entitled to our sincere thanks for valuable counsel and aid furnished. I would also make grateful acknowledgment to the remaining members of the consulting staff who are ever ready to render service when required.

Among the changes in our official staff may be mentioned the withdrawal of our faithful and highly efficient first assistant, Dr. Meisburger; the doctor resigned to enter upon the private practice of his profession and he carries with him the best wishes of the entire household for his future happiness and success. The vacancy was filled by the promotion of Dr. W. F. Beutler who has discharged the duties of the position in a most conscientious and painstaking manner. Dr. F. P. Carter, of Keokuk, Iowa, was chosen to fill the position of second assistant and he has shown himself to be earnest and zealous in the discharge of the duties assigned to him.

I desire to thank the officers, attendants and employes for their fidelity to the trusts imposed on them and their ready and cheerful support almost uniformly accorded me.

My sincere and heartfelt thanks are due your Honorable Board for wise counsel, uniform courtesy and ready support accorded me in the discharge of my official duties.

Respectfully submitted,

M. J. WHITE, M. D., Medical Superintendent.

#### ITEMIZED STATEMENT OF COST

Of all articles purchased for Milicaukee Hospital for Insune during the fiscal year ending September 30, 1893.

Articles.	Quantity.	Average price.	Amount.
Alcohol	9 gals.	\$2 41	<b>\$</b> 21 <b>6</b> 8
Axes	₹ doz.	10 00	5 00
Apples, green	25 bbls.	8 25	81 25
Apples, dried	8,764 lbs.	07.3	274 03
Asparagus	5+1 doz.	65	<b>8</b> 85
Apron check	169‡ yds	0918	16 87
Billiard table covering			12 50
Billiard cues	6	414	2 50
Brushes, paint	1 doz.	6 081	6 59
Bolts	11 ₁ doz.	131	1 56
Brackets	18 pair	33	4 30
Blank hooks	2 ₁ doz.	1 10	2 29 41 60
Blank books	2 cases	2 00	4 00
Beer	1 keg	~ ~ ~	1 00
Bandages.	10 yds.	5	50
Boiler repairing			80 79
Boiler insurance			30 00
Belt rivets and burrs	51 lbs.	241	1 35
Belt lacing	300 feet	01	3 55
Belting	28 feet	22‡ `	6 30
Baskets	2	75	1 50
Barn repairs		[	<b>32</b> 13
Burlaps	30 yds.	06	1 80
Binding twine	70 lbs.	09	6 30
Blankets	12	1 581	202 62
Bed covers, waterproof	54	1 478	79 50
Batts, cotton	52	14 🖁	7 74
Bed spread	1		3 22
Brooms	44 doz. 3 doz.	2 811   5 991	101 80
Brushes, hair	7 doz.	5 33½ 1 1 55	16 00 90
Brushes, tooth	l doz.	100	3 20
Brushes, counter	21 doz.	4 00	10 00
Brushes, scrub	17+ doz.	1 80	31 20
Brushes, shoe.	2 doz.	2 50	6 25
Bluing	6 pkgs.	05	30
Bananas.	5 bunches	1 45	7 25
Blueberries	30 baskets	87	26 10
Blueberries	11 cases	1 431	15 75
Blackberries	8 <b>cases</b>	1 48	11 85
Baking powder	175 lbs.	39 <del>1</del> -	68 62
Butter, creamery	1,946 lbs.	26 _{7 1}	516 41
Butter, dairy	11,440 lbs.	161	1,858 40
Beef	75,202 lbs.	06 ₇₈	4,729 34
Beef tongues	180	811	40 45
Beef, dried	30 lbs.	104	. 8 15

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Articles.	Quantity.	Average price.	Amount	t <b>.</b>
Beans, navy	87## bush.		\$187	
Beans, canned	10 doz.	1 33		30 75
Beans, wax	24 loaves	05	1	
Bacon.	1,851 lbs.		187	
Buttons				85
Boots, men's	30 pairs	1 874		25
Boots, women's rubber	2 pairs	1 20		40
Braid		61 <del>1</del>	7	99
Christmas tree	1			00
Christmas tree ornaments				05
Cement	18 bbls.		89	25
Crayons		75	10	38
Cut of building	8 gross	334		00 28
Coal, soft			10,489	
Coal, hard.	98 1000 tons	6 294	617	
Cows	4	89 25	157	
Cows, dehorning			5	00
Chain	15 feet	20		00
Chamois skins	2			00
Carpeting			146	
Crockery	••• •••••	••••••	237	
Clocks, repairing	10 don	1 70	_	50
Combs	13 doz. 18 doz.	1 70   6 16‡ ;	22 111	
Cots	18		50	
Chairs	121 doz.	9 35	114	
Card tables	. 2	8 88		75
Couch	1,		15	00
Curtain scrim	670 yds.	121	82	
Curtain rollers			25	
Curtains and fixtures		•••••	108	
Caustic soda	1,402 lbs.	041	58	
Cardles	40 lbs.	094	82	90
Cigars	50	05		50
Cranberries	2 bu.	2 871		75
Cheese	8241 lbs.	111		06
Crackers	441 lbs.	071	31	
Cakes and ginger snaps	180 lbs.	101	18	39
Ca kes	18 doz.	10		80
Coffee, Java	780 lbs.	894	290	
Coffee, ground Rio	8,837 lbs.	187	615	
Cornmeal	4,147 lbs.	0270	88	
Citron	11 lbs. + bbl.	6 00		08 00
Currants	851 lbs.	041		80
Cauliflower	8 heads	25	10	75
Cucumbers	201 doz.	52 ₁	10	
Cucumbers	1 bas.			50

Articles.	Quantity.	Average price.	Amount.
~ .	0.3	20.00	
Celery	9 doz	<b>\$</b> 0 20	\$1.80
Chocolate	24 lbs.	291	7 08
Corn, canned	18 doz.	1 45	26 10
Corn, popped	182 lbs.	085	4 96 12 66
Cornstarch	200 lbs. 150 lbs.	061	
Candy Cracked wheat	100 lbs.	06 <del>1</del> 031	10 18 8 25
Chickens.	1,126 lbs.	144	165 23
Cheviot	5844 yds.	104	55 68
Cambric	45 yds.	081	8 81
Corset	10 3 4 4	009	1 25
Corset steels.	2	10	1 20
Collars	4 C.	901	3 61
Coats	9	4 50	40 50
Coir yarn	300 lbs.	06	18 00
Carpet-scrap.	800 lbs.	07	21 00
Carpet-loom and fixtures	1	•••••••	50 00
Drain pipe	183 pcs.	211	28 57
Door springs	4	661	266
Door hangers.	1 set	0/71	5 00
Door hangers	3 10	8 594	78 85 98
Doors		0 094	430 20
Dusters	1 _{√k} doz.	5 86	6 35
Doylies			1 06
Ducks	9 lbs.	25	2 25
Denim	845 yds.	1	40 4
Duck	10 yds.		1 60
Electric bells	7	2 93	20 50
Electric bells, repairing	• • • • • • • • • • • • • • • • • • • •	•••••	82 0
Elevator, repairing Escutcheon plates	OF 3		18 13
Escutcheon plates	20 doz.	1 80	32 50
Envelopes	0 101	1 20	7 50 44 01
Ensilege cutting and filling	R deve	5 00	80 0
Ensilage, cutting and filling Electric light supplies	o uays	0 00	91 6
Electric engine, repairing			4 0
Express charges			51 6
Extracts, vanilla	2 gals.	9 75 4 22	19 5
Extracts, lemon	21 gals.	4 22	9 50
Eggs	8,840 doz.	1811	719 3
Elastic	1 piece		50
Fly sheets	6	1 44	8 6
Fly nets, repairing			1 5
Farm machinery and tools, re-		J	
pairing		•••••	19 9
Forks.	. 1 doz.		3 0
Fern bowls	2 doz.	84 1 50	16
Floor rubbers			

Itemized Statement of Cost.

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Articles.	Quantity.	Average price.	Amount.
Furniture, repairing			\$27 71
Fork, kitchen	1		88
Fish, fresh.	8,870 lbs.	\$0 07 <u>1</u> 8	290 80
Fish, cod	2,550 lbs.	06 <u>1</u> 6 25	159 48 162 50
Fish, salt white	25 hlf. bbls. 61∉ bbls.	4 061	250 00
Flour, spring wheat.	498 bbls.	8 444	1,716 89
Flour, graham	7 bbls.	3 761	26 88
Flour, rye	2½ bbls.	3 20	8 00
Flour, buckwheat			5 50
Figs.	12½ lbs.		2 14
Flannel, cotton unbleached	1,171 yds.		106 61
Fans, palm leaf	₹ c.	1 44	86
Glue	10 lbs.	19	1 90
Glue, liquid	1 bottle		40
Graduates	1		20
Ground feed	571818 tons	13 41	777 0
Glassware			27 4
Grapes	47 bast ets	261	12 80
Gelatine	11 doz.	1 581	17 40
Gingham	56 lbs.		7 00 56 89
GinghamGloves, ladies'	5841 yds.	0918	1 50
Citoves, marco	ı pı		1 00
Hooks and staples	19 <del>1</del> doz.	151	2 98
Hinges	28 prs.	891	20 50
Hose pipe	210 ft.		41 24
Hose couplings	24 prs.	22 1 75	25
Harness punches	2 8 doz.	3 50	8 50 10 50
Hay	28,818 tons	7 55	214 50
Hav	1 lot		85 00
Horse shoeing			164 7
Horses	3	150 00	450 00
Horse shoeing	•••••••		18 00
Horse medicine			5 90
Harnesses	ı pr.	•••••	48 72 96 20
Harness oil	4 onle		3 98
Holland	390 vds.	081	82 04
Harness oil	••••		22 94
	1		4 00
Ham	1,860 lbs.		252 79
Hominy	l ppl.		3 78
Hair pins	5 pkgs.	161	81 1 37
Hooks and eyes	3 gross	46	1 3. 18
Hoods, ladies'	doz.	7 56	6 30
Hats, ladies'	10 doz.	2 10	21 00
Hats, felt	30	50	15 00
Handkerchiefs	1⅓ doz.	<b>69</b> (	1 08

Articles.	Quantity.	Average price.	Amount.
Hose, ladies'	21 ₇ doz.	\$1 84 85	\$28 27 1 05
IronInkInk stands	236 lbs. 16½ quarts 2	02 <u>\$</u> 65 <del>1</del> 1 75	5 61 10 85 3 50
Jumpers	. 1 doz. 18	1 25	7 50 16 25
Keys	142 6	24 <del>3</del> 1 38	84 60 8 25 28 45
Knives, carving	2½ doz. 2 pr	2 46 3 124	6 15 6 25
Kerosene	115 gals. 26+ lbs.	101 364	11 85 9 74
Linseed oil	50 ₁₇ gals. 18,863 ft. 28 bbls.	52 ₁₆	26 29 485 50 17 25
LocksLocks, repairing	37 doz.	4 511	166 96 38 85 5 10
Letter files	115 vols. 8	49 <del>1</del> 50	<b>56 90</b>
Labricating oils	265‡ gals. 8	29.3 o 7 12	78 20 21 35 2 75
Laundry baskets	1‡ doz. 8 doz.	7 95 1 05	13 90 8 25 3 15
Lamps, electric	256 2 1 doz.	47 <del>1</del> 55	120 63 1 10 1 50
LemonsLemons	2 doz. 13 boxes	05 4 88‡ 33	10 <b>63 50</b> 88
LardLamb	13 doz. 4,143 lbs. 899 lbs.	11 4 12	465 29 111 67
Lambs, springLawn	12 81 yds.	3 75 164	45 00 5 20
Music and entertainments Masks Moulding	5 doz. 650 ft.	87 01 100	88 85 1 85 8 25
Mucilage	4 qts.	74	2 95 15 45 50
Magazines and periodicals	1½ doz. 1 gross.		60 8 50
Mattock handles	doz. 3 pieces.	1 60 881	80 1 15

Itemized Statement of Cost.

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Articles.	Quantity.	Average price.	Amount.
Mats, rubber nosing.	2	\$1 25	\$2 50
Mops		88	5 80
Marking ink	6 ₁ 7 doz. 2 lbs.	10 50	21 00
Marking pens	7	20≨	1 45
Mirrors	1 doz.		7 20
Matches	$7_{11}$ gro.	1 10	7 80
Meals.	00.11-	*********	30
Macaroni	86 lbs.	101	8 89
Melons	58 22 crates.	16	9 25 20 90
Melons	1 bbl.		1 20
Mutton	20,422 lbs.	$05_{10}$	1,041 02
Molasses	10 gals.	85	3 50
Muslin, brown	8801 yds. 11 doz.		54 27
Mittens, ladies'	1⅓ doz.	2 33	3 57
Mittens, men's	7 doz.	4 50	31 50
Nails	6 kegs.	2 20	18 20
Nails	47 lbs.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	2 76
Nails, brass head	84 doz.	211	75
Needles			6 18
Napkins	2 doz	1 00	2 00
Nuts	87 lbs.	16	8 00
Oats	961 bus.	88	864 98
Oil cloth	17 <mark>.%</mark> yds. ∣	45	7 84
Oil cloth	5 pcs.	· 1 69	8 45
Omnibus hire	1 day.		3 00
Onions	1 bbl.		8 50
Oat meal	160 lbs. 21 bbls.	4 80 i	7 68 100 80
Oranges.	51 doz.	361	1 88
Oranges	14 bxs.	8 11	48 50
Oysters.	81 <del>1</del> gals.	1 74	141 68
Oysters	55 cans.	42	22 96
Olives	2 bots.	1 00	2 00
Olive oil	5 gals.	2 75	18 75
Olive oil	1 bot.		50
Overcoats.	8 <b>d</b> oz. 25	7 50 6 50	22 50 162 50
Overshoes	14 prs.	1 00	14 00
		1	
Playing cards	7 doz.	50	8 50
Pulleys	1 doz.:	1 50	82 8 00
Posts, cedar	6	35	2 10
Pipes and fittings			429 27
Packing	48 lbs.	58	25 44
Paints			74 80
Putty	108 lbs	02	2 18
Paper fasteners	3 bxs.	17}	52
Pocket stamps	1'	• ••••••	35
Postoffice box	. 1,		25

Articles.	Quantity.	Average price.	Amount.
Pens	5 gro.	<b>\$</b> 0 85	\$4 25
Printing		40	149 40 80
Penholders Paper, note			5 25
Paper, blotting	24 sheets.	09,7	2 80
Paper, pads	24 pkges.		6 48
Paper, drawing	10 lbs.	10	1 00
Pumps, repairing			4 20
Plants			38 00
Paint, waterproof	1 gai.		1 75
Pillows	8 15 pkges.		6 84 3 43
Pins Paper, toilet	9 cases.	5 39	48 50
Paper, shelf			75
Paper, pattern	. 30 lbs.		2 40
Paper, fly			3 75
Paper, fly	6 sheets		25
Paper, tissue		114	1 98
Postage			85 30
Photographic supplies	· ••••• · · · • • • · ·		98 49 44
Patients' expenses		1 60	43 44 8 00
Pine apples			16 25
Pork, salt	7 bbls.	19 96	189 75
Pork, salt	315 lbs.	11#	35 88
Potatoes	1,055 bush.	69 4	729 51
Potatoes	6 bbls.	2 50	15 00
Potatoes, sweet	8 bbls.	8 881	11 50
Peaches	149 baskets 4 bush.	42#   2 87#	63 40 9 50
Peaches, dried	25 lbs.	18	8 25
Pears	4 1 1 1		6 00
Pears, dried	25 lbs.	19	8 25
Prunes	4,997 lbs.	074	887 31
Plums	4 baskets	1 00	4 00
Pickles	1 bbl.		6 50
Picules, mixed	l bottle		25 OF OF
Prints Pants, ladies'	1,131 yds. 2 pairs	50 1	85 85 1 00
Pants	33 pairs	2 861	94 50
Quilts	98	981	96 24
Quilting yarn	1 lb.	20 P	20
Quinces			6 00
Register	1	. <b></b>	1 70
Ranges, repairing			66 03
Repairs, miscellaneous			457 72
Rubber bands	, 1 lb.		85
Rope	! 894 Ibs. !	14 1	5'48
Rakes	l doz.;	04 50	2175
Rockers	1 doz.,	24 50	36_65

Itemized Statement of Cost.

Articles,	Quantity.	Average	Amount.
	<b>4</b>	price.	
Refrigerator	1		\$15 20
Rugs	3	\$1 92	5 75
Razor strops	₹ doz.	10 50	5 25
Razor blade	1		1 00
Razors	₹ doz.	15 00	8 75
Raspberries	14 cases	1 661	28 80
Rice	1,261 lbs.	048	55 02
Raisins	403 lbs. 6 boxes	(17°9 2 10	31 84 12 60
Raisins, layers	6 bunches	05	12 60 80
readisti	o bunches	00	50
Strings, bass	4	811	3 25
Sand, white	50 lbs.	01	50
Swings	2	16 20	82 40
Stuceo	4 bbls.	2 16 2 291	8 65 29 79
Sash	13 28 <del>1</del> gross	425	12 02
ScrewsSand paper	10½ quires	181	1 95
Spindel	104 quints	10	05
Surgical instruments			10 60
Sprinkler	1		1 50
Soda ash	1,582 lbs.	$02_{10}$	36 43
Saws	2	75	1 50
Scoops	11 doz.	8 67	18 00
Shovels	1 doz.		8 00 8 00
Spades	doz	16 00	60
Sod cutter	doz.	7 50	3 75
Scythe stones	doz.	60	80
Sponges	2,5 lbs.	2 18	5 04
Stove	1		9 20
Stabling horses			24 25
Shavings	36 bund.	30	10 80
Seeds	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	224 74
Sleighs, repairing	040 mda	19 7	11 35 116 06
Sheeting, bleached	940 yds. 701 yds.	$\frac{12\frac{7}{20}}{13\frac{1}{4}}$	93 86
Stamping		108	90
Steam carving table	1		50 00
Settees	2	8 40	16 80
Shading	84 yds.	15	12 60
Shades	7	59	4 12
Sulphur	580 lbs.	02.3	13 29
Sanitas fluid	11 gals.	1 80	19 75
Scouring brick	4 doz.	75	8 00 2 25
Scales	3 doz.	5 40	16 20
Sieves	3 UOZ. 2	20	10 20
Spoons	1 set		3 00
Sewing machine, repairing			2 02
Sand soap	12 boxes		28 20
Shears	1 <del>11</del> doz.	7 15	18 70
Shoe blacking	doz.	50 1	1 50

Articles.	Quantity.	Average price.	Amount.
Splashers	doz.	<b>\$</b> 5 25	<b>\$</b> 0 87
Soap, toilet	5 boxes	4 08	20 12
Soap, toilet	221 lbs.	15	3 34
Soap, barbers'	10 lbs.	80	3 00
Soap, ivory	11 boxes	6 75	74 25
Stamped linen	4 <del>]</del>	70	8 44
Shoe buckles and straps	14 doz.	9 00	13 50
Starch	566 lbs. 6,862 lbs.	08 <b>1</b> 1 041	22 46 257 <b>6</b> 3
SoapSalsoda	5,779 lbs.	01 1	72 45
Signal oil.	40 gals	77 1	81 00
Spectacles	3 doz.	95	2 85
Strawberries	50 cases	1 56 1	78 06
Sausage meat	186 lbs.	18 🗼	24 64
Syrup	755 gals.	19 🔒	147 40
Syrup, maple	41 gals.	1 10	45 08
Sugar, granulated	13,249 lbs.	$05\frac{3}{10}$	702 30
Sugar, C	5,098 lbs.	04 # 05 #	224 76
Sugar, powdered	690 lbs. 540 lbs.	05 1	39 17 81 26
Sugar, cut-loaf		(0.8	24 56
Sago	25 lbs.	05 ‡	1 38
Salt	22 bbls	96 1	21 20
Salt	4 sacks	2 57	10 80
Saltpeter	9 lbs.	12	1 08
Squash, canned	2 doz.	1 25	2 50
Saleratus	60 lbs.	05 🛔	3 30
Sauce	41 doz.	8 95	16 10
Satin	10½ yds.	14 #	1 50 2 00
Stamping	6 grs.	37 <del>1</del>	2 24
Selisia	10 yds.	1710	์ ก็ก็
Socks	124 doz.	98101	12 26
Shirts	49 doz.		24 70
Shirt pattern	1		25
Sail needles	1 paper		40
Suspenders	51 doz.	1 76	8 92
Suits	43	6 7216	289 00
Slippers, ladies'	4 pairs	59 99	2 85 68 30
Slippers, men's.	69 pairs 38 pairs	1 29	49 05
Shoes, woman's	67 pairs	1 33 1	89 45
Shoes, repairing	0. pass		29 40
Boles	6 pairs	20	1 20
Salaries and wages			23,542 67
Cransom lifts	6	61	8 65
Track, iron	23 ft.	15	8 30
Turpentine	75 gal.	42}	31 79
lags	5 doz.	10	50
Typewriter copy ribbon			1 00

Articles.	Quantity.	Average price.	Amount.
Tools, miscellaneous			<b>\$</b> 58 87
Threshing	858 bu.	8 02	17 16
Ticking	162 yds.	121	19 80
Tinware			69 15
Thermometers	1 <del>↓</del> doz.	1 50	2 25
Thimbles	31-gross	59	2 06
Traps	1 1 doz.	2 07	2 25
Toweling	1 1 doz. 928 yds.	08 <del>§</del>	78 81
Towels	7 <del>1</del> doz.	2.16	16 15
Twines	61 1 1 lbs.		22 92
Table covers	6⅓ doz.	2 12	18 48
Table linen	110 yds.	291	82 06
Tray cloths	1 <del>1 doz</del> .	3 90	8 57
Table cloths	3	6 45	19 35
Tobacco, plug	619 <del>1</del> lbs.		150 88
Tobacco, smoking	•		112 00
Toll gate charges			3 65
Telegraphing			4 17
Telephone exchange			150 00
Traveling expenses			12 30
Transportation and freight			77 72
Turkeys	1,568 lbs.	151	237 44
Tapioca	67½ lbs.	051	3 72
Tea, Japan	1,890 lbs.	157	298 08
Tea, black	111 lbs.	60+	67 48
Tomatoes, canned	20 doz.	1 281	25 70
Tomatoes	6 crates	1 19	7 18
Ties	100 7 407	50	2 50 44 69
Inread	100 ₇ doz.	44	44 05
Vehicles, painting and repairing.	l		297 90
Veal	7,806 lbs.	0741	584 56
Veal, calves' livers	52	25	18 00
Veal, calves' plucks	51	15	7 65
	286 gals	10,97	80 18
Vinegar	6	31 🕯	1 90
Vest	1		2 50
3571 3 #A-	10/	4.00	0.07
Window fasts	$\frac{12_3}{3}$ gross $2,387$ lbs.	4 00	6 67
White lead		0678	164 25
Wire guards	400: 44	3 591/2	21 57
Wire screen	4001 ft.	02	8 01
Window screens	2	321/2	65
Wall paper and hanging	000 11	• • • • • • • • • •	13 80
Whitening	390 lbs.		11 20
Window lights	3 boxes	2 46	7 38
Window lights	246	1013	25 46
Wines	4 gals.	1 99	7 95
Watering pot	1	••••	1 00
Whips	2	1 00	2 00
Wheelbarrows	3	2 67	8 00
Whisks	3 doz.	1 8313	4 00
Wash rags	1 doz.	. <b></b>	33

Articles.	Quantity.	Average price.	Amount.
Wax, paraffine Wax, bees. Wooden ware	268¼ lbs. 6 lbs.	<b>\$</b> 0 50	\$31 63 3 00 23 90
Washing machines, repairing Washboards Warp	⅓ doz.	2 10	1 80 1 05 15 00
YeastYarn	206 lbs. 28¾ lbs.	16 ¹ 53 ¹ / ₂	33 05 15 41
Total			<b>\$</b> 67,017 81

#### ITEMIZED STATEMENT OF COST.

Of all articles purchased for Milwaukee Hospital for Insane during the fiscal year ending September 30, 1894.

		=====	
Articles.	Quantity.	Average price.	Amount.
Adamant	21 bbls.	<b>\$</b> 1 60	<b>&amp;</b> 4 00
Alcohol	11 gals.	2 881	25 66
Axes, handled	4	871	8 50
Awnings	19	3 23	61 88
Apples, dried	8,547 lbs.	0916	822 66
Apples, green	15 bbls.	4 00	60 00
Apples, green	12 bush.	89	10 შ
Apples, canned	3 gals.	29 <del>1</del>	88
Asparagus	4 doz.	60#	2 92
Asparagus	1 box	•••••	90
Allapice	10 lbs.	091	95
Apron check	113 yds.	174	19 70
Billiard cue tips	8 boxes	1 17	8 50
Billiard chalk	1 grose		50
Brushes, paint	8 doz.	8 02	80 78
Brick, fire	→ M		19 00
Brick, common	1,350		12 13
Bolts	16% doz.	151	2 5
Butts	50 pairs	$09\frac{7}{10}$	4 8
Blank books	29	75≟	21 8
Brandy	1 gal.		8 00
Bandages	102 yds.	04	4 0
Bandages, plaster paris	4	20	80
Boilers, repairing			639 8
Boilers, insurance			20 00
Robbit motel	124 lbs.	¹ 50 ↓ 30	1 00
Babbit metal	101 feet		
Belt rivets and burrs	1+ lbs.		5
Belt lacing	800 feet		1 7
Baskets	1	15	5
Bed spreads	66		
Blankets	50	. ~~11	81 2
Batts, cotton	2 cases	- 009	10 7
Batts, cotton	1 doz	l	2 0
Bed covers, water-proof	6	1 361	85 5
Brooms	50 doz	1 70	85 2
Brushes, scrub	16 doz.	1 70	27 3
Brushes, counter	9 doz.	8 194	28 7
Brushes, tooth	4 doz.		8 5
Brushes, shaving	2 doz.	2 00	4 0
Brushes, hair	1 doz.		4 5
Brushes, window	] 1		6
Bell, hand	į 1	1	· 6

Articles.	Quantity.	Average price.	Amount.
Bunting	71½ yds.	\$ 03 <del>1</del>	<b>\$2 6</b> 8
Bread cutter	1		2 50
Barrels	41	681	27 95
Beds, iron	3'	5 50	16 50
Badges	21	65	13 65
Bananas	7 bunches 1 doz.:	1 40# 25	9 85 18
Bananas	10 baskets:	1 26	12 60
Blackberries	27 cares	1 461	39 50
Baking powder	1801 lbs.	381	49 92
Butter, creamery	2,561 lbs.	2811	600 41
Butter, dairy	12,224 lbs.	15.20	1,888 36
Beef	70,744 lbs.;	0621	4,431 76
Beef tongues	106	80	31 80
Beans	98## bush.	1 871	184 56
Bread	87 loaves	10	8 70
Bacon	1,132 lbs.;	125	142 93
Buttons	665 gross	231	15 59
Boots	47 pairs	1 75	82 23
Christmas tree	1,		3 50
Christmas tree ornaments	12	5	60
Cement	13 bbls.	2 57	33 40
Carbon sheets	3 doz.	50	1 50
Cylinder oil	206 gals.	824	67 51
Cotton waste	2½ lbs.	35	79
Ceiling fans, pulleys, shafts and	_!	10.00	
beltings	9 0001980 4	18 00	65 00
Coal, soft	3,0681888 tons	8 251	9,965 02
Coal, hard	921888 tons	6 00	555 75
Curry combs	9.	42 00 42 00 A	1 25 878 00
Corn planter	1	30 00	75
Crow bar	îi		80
Carrier chain	98 feet	174	17 15
Carriage sponges	18	21i	3 8
Chamois skins	3	75	2 25
Carpet	100 yds.	1 074	107 39
Carpet binding	7 rolls	15	100
Carpet stretcher	1		50
Cloc's	2	1 30	8 60
Clocks, repairing	443.3		4 60
Combs	11} doz.	1 41	15 84
Curtains and fixtures	8 1 A	4 05	146 64
Chambers	8 ₁ doz.	6 25	19 26 40 0
Chairs, wheel	2	20 00	40 0
Chairs, rockers	1 doz.	20 00	3 6
Chairs	8 doz.	8 60	28 8
Chairs, folding desk	1 doz		7 7
Couches	38	2 37	90 0

Articles.	Quantity.	Average price.	Amount.
Cane	& bunches	<b>\$</b> 63	<b>\$3</b> 78
Chair tips, rubber	6 doz.	1 05	·6 30
Crockery			899 17
Carving knives and forks	2 prs.	2 00	4 00
Crochet hooks	1, doz.	174	19
Clothes lines	3 244 31	174	70
Caustic soda	2,041 lbs.	0818	71 74
Clothes pins	1 box.		55
Candles	118 lbs.		10 88
Cartares	• • • • • • • • • • • • • • • • • • • •		88 69
Carriage hire	50	04	3 00 2 00
Cigars	1 bbl.		2 U 6 0
Cranberries	1 bu.		2 8
Cheese	233 lbs.	12#	29 2
Crackers	302		27 2
Cakes	197 lbs.		20 79
Coffee, Java	795 lbs.		
Coffee, ground	3,696 lbs.	1744	639 80
Corn meal	8,564 lbs		55 18
Cider			5 00
Currants	354 lbe.	021	8 8
Cabbage	308 hds	06	18 48
Cabbage	22 bbls.		49 20
Cucumbers	10 doz.	44	4 40
Cucumbers	1 box		2 24
Cherries	1 <del> </del>	2 50	8 7
Celery	9 bunches		1 40
Chocolate	24 lbs.		9 1:
Cocna	12 lbs.	481	5 25
Corn, canned	32 doz. 56 lbs.		43 20
Corn, pop	360 lbs.		1 68 9 80
Candy, mixed	150 lbs.	00%	9 0
Chickens	1,582 lbs.		220 9
Chickens	50		15 0
Citron	2 lb3.		6
Cloves	6 lbs.	11	6
Cream tartar	2 lbs.		7
Cataup	10 hottles		2 7
Canvas	10 yds.		1 50
Cambric	16 <b>y</b> ds.		1 5
Cheviot	311 vds.		81 2
Clothing, miscellaneous	· · · · · · · · · · · · · · · · · · ·		69 4
Collars	4		. 50
Caps	81 doz.	5 52	18 4
Coats	25		60 0
Carpet scrap	1,600 lbs.		112 0
Cotton warp.	85 lbs.		12 2
Cotton line	8½ lbs	80	1 0
Drain pipe	109 pieces.	153	16 74

Articles.	Quantity.	Average price.	Amount.
Door springs	6	<b>\$</b> 15	<b>\$</b> 90
Door handles	4	10	40
Drawer pulls	å doz.	1 50	1 00
Door knobs	2	10 .	20
Door	1	• • • • • • • • • • • • • • • • • • • •	3 38 516 47
Drugs and medicine	60 lbs.	144	8 70
Drilling machine	1		9 00
Duck, water proof	219 yds.	431	94 85
Dusters	11	46	5 05
Doylies	41 doz.	97	4 21
Ducks	50 lbs.	121	6 25
Denim	4241 yds. 80 yds.	112	49 90
Dress goods	80 yds.	2170	. 17 53
Drawers	5 prs.	<b>80</b>	4 00
Electric bells and repairs			21 40
Elevator, repairing.			8 40
Emery cloth. Envelopes. Engine, repairing.	8 doz.	201	1 61
Envelopes	5 <b>M</b> .	1 664	8 83
Engine, repairing			21 33
Extension ladders	Ð _j	7 20	86 00
Ensilage, cutting	14 days	5 00	70 00
Electric light supplies			137 82
Extracts	19 ata		78 9± 22 00
Eggs	12 qts. 3,9021 doz.	1 881 151	598 46
12880	0,000 402.	104	000 10
Fire clay	6 bbls.	2 25	13 50
Fly nets.	8	2 581	7 75
Farm machinery and tools, re-			41 01
pairing			41 64
Flore and	1 <del>1</del> doz. 100 lbs.	5 581	8 30 4 25
Flax seed	100 108.	041	1 80
Flower pots	8,000	007	26 10
Furniture castors	17 set	814	5 35
Furniture, repairing			11 60
Fruit cans			60 00
Felt	1 piece		285
Fire pails	1 doz.		4 05
Fish, fresh	3,758 lbs	0718	283 11
Fish, cod	2,884 lbs.	0513	161 29
Fish, mackerel	190 lbs. 6 half bbls.	18 <u>1</u> 1	25 75 86 00
Flour, spring wheat	5784 bbls.	2 901	1,664 10
Flour, rye	6 bbls.	3 291	19 75
Flour, buckwheat	125 lbs.	081	4 06
Flour, graham	1 bbl.		8 95
Figs.	18 lbs.	121	2 17
Flannel, canton	698 yds.	08 <del>] §</del>	61 73
Flannel	1 piece		1 85

Articles.	Quantity.	Average price.	Amount.
Glue	25 lbs.	\$ 18 <del>}</del>	<b>\$4</b> 60
Graduates	0413554		50
Ground feed	841888 tons	18 65 09	478 84 18
Garden trowels	z 	08	89 06
Grass seats	12	10	1 20
Grapes	65 lbs.	21	18 94
Genatine	1 doz.		1 65
Ginger	51 lbs.	20	10 16
Gingham	1,090 yds.	084	87 74
Gloves	2 pairs	85	70
Uinga	14 pairs	404	5 71
Hinges	840 ft.	241	82 19
Hot water heater and regulater.	1	~=6	580 00
Horse blankets	8	2 274	18 20
Horse brushes	2	1 924	8 8
Harness punch	11		1 50
Hedge shears			90
Hand cart	1		5 50
Harrow	1 405	• • • • • • • • • •	6 00
Hay	52 #050 tons	9 02	8 50 471 81
Hay	1 stack	0 02	55 00
Hay.	2 lots	17 50	85 00
	. <b></b>		185 80
Horse collars	2	5 00	10 00
Harness repairing			146 40
Horses	2	181 25	862 5
Horses, medical service		• • • • • • • • • • • • • • • • • • • •	52 50 8 90
Herse medicine	1 nair	•••••	8 84 8 84
Harness oil	1 gal.		7
Hub runners for omnibus	1 set		25 0
Hemp, dressed	93 lbs.	17	15 8
Holland	825 yds.	081	26 4
Hat rack	1	1	20 0
Hassock	1		90
Hardware		8 081	88 7° 9 1°
Hair clippers, repairing			9
Ham	1,458 lbs.	114	162 8
Hoods, ladies'	24 doz.		14 8
Hats, ladies'	5∰ doz.	2 77	15 6
Hats. men's	61		80 5
Handkerchi efs	1 doz.		6 90 9
Hose, ladies'	24 doz.	1 261	80 8
Iron	191 lbs.	08	57
Iron hooks	224 doz.		2 2
Ink	151 qts.		9 6
Tce bar	1	l	15

Articles.	Quantity.	Average price.	Amount.
Insect powder	1 lb. 24 yds.		\$ 40 2 85
Jews harpJumpers	1 2 doz.	7 50	20 15 00
Keys Kettles	14 8	234 2 02	8 30 16 15
Kitchen utensils, miscellaneous Knives and forks Knives, butcher	14 doz.	3 25	22 13 45 50 1 06
Knives, kitchen	2 doz 8	1 20 31 <del>1</del>	2 40 2 50
Kerosene	. 55 gals. 17 lbs.	08 39‡	4 40 6 75
Linseed oil	164 ₃₇ gals. 86,535 ft. 18 bundles	4812 27 67 M 13	79 95 734 15 2 60
Laths, metal	8 yds. 55 bbls.	25 701	2 00 38 <b>6</b> 0
LocksLocks, repairingLead pencils	9 ₁₅ doz.	3 52 <del>1</del> 321	33 20 5 20 2 25
LibraryLetter fileLard oil	3 vols   1' 6 gals.	2 28	6 84 40 4 80
Laundry tubsLaundry baskets	l doz. 1½ doz	11 66	6 66 17 50
Lantern globes Lantern burners Lamp, hanging	3 doz 1 doz. 1	1 20	3 60 1 00 3 50
Lamps, wall. Lamps, electric. Lanteras.	2 112 1 <del>1</del> doz.		80 38 48 11 70
Lemons	13 boxes 111 doz.	4 84 26 1	56 50 3 01
LettuceLamb	8,185 lbs. 1 bunch 4,401 lbs.	10-1 ₃ -1	282 (19 05 443 74
Lemon peel	7 2 lbs.,	3 50°° 30	24 50 60 87 (0
Loom, frames	2 300 1	1 00	2 (P) 5 (N) 3 5(
Music and entertainments Mouth organs		881	127 <b>2</b> 5
Masks Moulding	2 doz 2,000 ft	1 00 10 524 m	2 (d 21 03
Memorandum books  Mucilage	144 4 qts. 8	611	8 73 3 4' 50 5

Medicine glasses   6 doz   \$40   3 44   8 75				
Medicine glasses         6 doz.         \$40         \$240           Mitre box.         1         8 75           Mattocks         5         87         4 35           Musquito netting         18 pieces         46; 60         60           Moss         421 lbs.         66; 26 62         60           Matteres tufts         32 pkges.         30; 98         36           Matters         1 piece         80         80         92         455         90           Mat thinding         1 piece         80         80         94         75         90           Mat cutter         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	Articles.	Quantity.		Amount.
Mitre box.         1         8 75           Mattocks         5         87         4 38           Musquito netting         13 pieces         46½         6 06           Moss         421 lbs.         06½         26 62           Moss         421 lbs.         06½         26 62           Mattress tufts         32 pkges.         30½         9 82           Mats         2         4 55         9 96           Mat binding         1 piece         80 2         4 55         9 96           Mat binding         1 piece         80 2         94         7 56           Mat cutter.         1 los         1 22         1 22         1 22           Mops.         8 doz.         94         7 56         2 10 50         21 00         21 00         21 00         21 00         22 10         20 00         20 00         20 00         20 00         20 00         22 10         20 00         20 00         20 00         22 10         22 20 00         22 20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00         20 00	Medical battery	1		<b>\$6</b> 00
Mattocks   5   87   4   85     Musquito netting   18 pieces   461   6   60     Moss   421 lbs   061   26   62     Mattress tufts   32 pkges   303   9   82     Mats   2   4   55   9   96     Mat cutter   1   1   1     Mops   8   doz   94   7   50     Marking inks   2 lbs   10   50   21   00     Mirrors   1   doz   10     Mirrors   1   doz   10     Mangle, repairing   24   78     Mangle, repairing   24   78     Macaroni   73 lbs   08   5   58     Melons   16 bekts   71   78   11     Mutton   19   094 lbs   05   954   77     Muslin, brown   1,477 yds   053   78     Muslin, bleached   224 yds   061   13     Mills   6 kegs   201   12     Mills   8   19   10   10     Nails   19   10   10   10     Nails   19   10   10   10     Nails   19   10   10   10     Nails   19   10   10   10     Nails   19   10   10   10     Needles, sewing   1   1   1   10     Nails   10   10   10     Nails   10   10   10     Nails   10   10   10     Nails   10   10   10     Needles, sail   1   10   10     Nutmegs   1   10   10     Office tape   1   10   10     Office tape   1   10   10     Office tape   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10   10     Offices   1   10     Offices   1   10     Offices   1   10     Offices   1   10		_	940	7 7.
Musquito netting			87	4 35
Mose				6 05
Mate mat binding         1 piece         8 doz.         94         75           Marking inks         2 lbs.         10 50         21 00           Morrors.         1 doz.         10 50         21 00           Mirrors.         1 doz.         10 05         21 00           Mop pails.         8 1 25         37           Mangle, repairing.         2 lbs.         31 1 1 2         32 00           Macaroni.         73 lbs.         09         58         44 4 1 1 2         42 00           Melons.         16 bekts.         71 1 1 2         44 1 1 1 2         44 00         44 1 1 1 1 2         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44 00         44	Moss			26 62
Mat binding         1 piece         80           Mat cutter         1         1 22           Mops         8 doz.         94         75           Morrors         1 doz.         10 50         21 00           Mirrors         1 doz.         10 90           Mop pails         8 1 25         3 70           Mangle, repairing         24 77           Matches         10 gross         84 1 84         84           Meals         4 31 1 1 2         84         84         84           Meals         4 31 1 1 2         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84         84				9 82
Mat cutter	Mat hinding		4 00	
Mops		1 plece		1 25
Mirrors.         1 doz.         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz		8 doz.	94	7 50
Mirrors.         1 doz.         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         10 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz         11 gz	Marking inks	2 lbs.	10 50	21 00
Mangle, repairing         24 76           Matches         10 gross         84 1 1 25           Meals.         4         31 1 1 25           Macaroni         73 lbs.         08 5 87           Melons         85 15 1 1 2 94           Melons         16 bekts.         71 7 1 1 2 7 1 1 2 1 1 2 1 1 2 1 1 1 1 1	Mirrors			10 08
Matches         10 gross         84½         8 4€           Meals         4         31½         1 2½           Macaroni         73 lbs.         09         5 85           Melons         85         15½         12 94           Mutton         16 bekts.         71½         11 4€           Mutton         19,094 lbs.         05         954 70           Mutton         15 gals.         41½         6 25           Mint         6 bunches         04½         22           Mint         6 bunches         04½         22           Muslin, brown         1,477 yds.         05½         78 56           Muslin, bleached         224 yds.         06½         13 97           Mittens         18½ doz.         3 3½         61 89           Nails         6 kegs         2 01         12 05           Nails         19 lbs.         07½         14           Needles, sewing         4½ M.         1 31½         5 56           Needles, knitting         1 ½ gross.         89         96           Needles, sail.         1 paper.         70         72         12           Nuts         1 20 lbs.         10½ <th< td=""><td>Mop pails</td><td>8</td><td>1 20</td><td>- 1 1 7</td></th<>	Mop pails	8	1 20	- 1 1 7
Meals.         4         31½         1         28           Macaroni         73 lbs.         08         5 87           Melons.         16 bekts.         71½         11 48           Mutton.         19,094 lbs.         05         954 70           Molasses.         15 gals.         41½         6 22           Mint.         6 bunches         04½         28           Mustard.         78 lbs.         17½         13 97           Muslin, brown.         1,477 yds.         05½         78 56           Muslin, bleached.         224 yds.         06½         13 97           Mittens.         18½ doz.         3 3½         61 86           Mails.         6 kegs.         2 01         12 07           Nails.         6 kegs.         2 01         12 07           Nails.         19 lbs.         07½         1 42           Nails.         1 paper.         72         1 42           Needles, sewing.         4½ M.         1 3½         5 56           Needles, knitting.         1 paper.         72         72           Nuts.         1 paper.         72         72           Nuts.         1 paper.         72		10 07088	841	
Macaroni       73 lbs.       08       5 87         Melons       16 bekts       71.75       11 48         Mutton       19,094 lbs.       05       954 70         Molasses       15 gals.       41 6       6 26         Mint       6 bunches       04 1 22       22         Mustard       78 lbs.       17 7 1 1 3 9       78 lbs.       17 7 1 1 3 9         Muslin, brown       1,477 yds.       05 7 1 7 8 5       78 5       18 9 6         Muslin, bleached       224 yds.       06 1 1 3 96       18 9 6       18 9 6         Mittens       1,477 yds.       07 2 1 4 2       18 9 6       18 9 6         Nails       6 kegs       2 01       12 06       18 9 6         Nails       6 kegs       2 01       12 06       18 9 6         Needles, sewing       4 1 M 1 3 1 1 5 5 6       14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4		
Melons         16 bakts         71 18         11 48           Mutton         19,094 lbs         05         954 70           Molasses         6 bunches         04½         22           Mint         6 bunches         04½         22           Muslin, brown         1,477 yds         05½         78 56           Muslin, bleached         224 yds         06½         13 90           Mittens         8 kegs         2 01         12 06           Mittens         6 kegs         2 01         12 06           Nails         19 lbs         07½         1 46           Needles, sewing         4½ M.         1 31½         5 56           Needles, knitting         1½ gross         89         9           Needles, sail.         1 paper.         70         72           Napkins         9 doz.         1 42         12 76           Nuts         1 paper.         72         73           Nutmegs         1 spool         86         40           Odic tape.         1 spool         9         9           Oil cake         100 lbs.         01 75         14 75           Oil cake         100 lbs.         01 75         14 75<		73 lbs.		5 87
Mutton.       19,094 lbs.       05 gls.       954 70         Molasses.       15 gals.       41 graph       6 20         Mint.       6 bunches       04 graph       22         Muslin, brown.       1,477 yds.       05 graph       78 56         Muslin, bleached.       224 yds.       06 graph       13 90         Mittens.       6 kegs.       2 01       12 00         Mittens.       6 kegs.       2 01       12 00         Nails.       6 kegs.       2 01       12 00         Nails.       19 lbs.       072 1       14         Needles, sewing.       1 plbs.       072 1       14         Needles, knitting.       1 paper.       70         Needles, sail.       1 paper.       70         Needles, sail.       1 paper.       70         Nuts.       1 paper.       70         Nuts.       1 paper.       70         Nuts.       1 spool       10 7 graph         Oil cake.       100 lbs.       01 graph         Oil cake.       100 lbs.       01 graph         Oil cake.       100 lbs.       01 graph         Oil cake.       10 pieces.       1 47 graph         Oran				12 94
Molasses.   15 gals.   41\frac{1}{2}   6 28				
Mint         6 bunches         04½         26           Mustard         78 lbs         17½         13 97           Muslin, brown         1,477 yds         05‡         78 56           Muslin, bleached         224 yds         06½         13 96           Mittens         18½ doz         3 34½         61 86           Mails         6 kegs         2 01         12 05           Nails         6 kegs         2 01         12 05           Nails         19 lbs         07½         1 45           Needles, sewing         4½ M         1 31½         1 45           Needles, knitting         1½ gross         89         96           Needles, knitting         1 paper         72         1 42           Nuts         9 doz         1 42         1 27           Nuts         1 paper         72         1 27           Nuts         1 20 lbs         10 7½         1 27           Nuts         1 spool         3         3         4 1 ½         3           Office tape         1 spool         3         3         4         4         4         4         4         4         4         7½         4         7½				
Mustard       78 lbs. $17\frac{1}{8}$ 13 95         Muslin, brown       1,477 yds.       052       78 56         Muslin, bleached       224 yds.       061/2       13 96         Mittens       18½ doz.       3 34½       61 86         Nails       6 kegs       2 01       12 06         Nails       19 lbs.       072       1 46         Needles, sewing       4½ M.       1 31½       5 56         Needles, knitting       1½ gross.       89       90         Needles, sail.       1 paper.       78       78         Nuts.       9 doz.       1 42       12 76         Nuts.       120 lbs.       10½       12 76         Nutmegs       1 spool       86       20         Office tape.       1 spool       86       40         Oil cake       100 lbs.       01%       1 47         Oil cloth       10 pieces.       1 47½       14 76         Onions.       3 bbls.       2 00       6 00         Oatmeal.       22½ bbls.       4 70½       164 66         Oranges.       14 doz.       26½       3 76         Oysters.       94 gals.       1 10½       10				0 20 25
Muslin, brown.       1,477 yds.       05‡       78 56         Muslin, bleached.       224 yds.       06‡       13 96         Mittens.       18‡ doz.       3 34‡       61 84         Nails.       6 kegs.       2 01       12 06         Nails.       19 lbs.       07½       1 44         Needles, sewing.       4½ M.       1 31‡       5 56         Needles, knitting.       1½ gross.       89       9         Needles, sail.       9 doz.       1 42       12 76         Nuts.       9 doz.       1 42       12 76         Nuts.       120 lbs.       10√²       12 76         Nutmegs.       4 lbs.       55       2 26         Office tape.       1 spool       86         Oil cake.       100 lbs.       01 ½       1 86         Oil cloth.       10 pieces.       1 47‡       14 76         Oil cloth.       10 pieces.       1 47‡       14 76         Onions.       3 bbls.       2 00       6 06         Oatmeal.       22‡ bbls.       4 70‡       104 66         Oranges.       14 doz.       26‡       3 7         Oysters.       14 doz.       3 92       4 24				13 97
Muslin, bleached.       224 yds.       061 13 90 16 18 18 18 16 18 18 18 16 18 18 16 18 18 18 18 18 18 18 18 18 18 18 18 18		1,477 yds.		78 56
Nails.       6 kegs       2 01       12 08         Nails.       19 lbs.       07½       1 46         Needles, sewing.       4½ M.       1 31½       5 5         Needles, knitting.       1½ gross.       89       96         Needles, sail.       1 paper.       7         Napkins.       9 doz.       1 42       12 76         Nuts.       120 lbs.       10¼       12 76         Nutmegs.       1 spool       8       2 26         Office tape.       1 spool       8       826 46         Oil cake.       100 lbs.       01½       1 3         Oil cloth.       10 pieces.       1 4½       14 7½         Onions.       3 bbls.       2 00       6 06         Oatmeal.       22½ bbls.       4 70½       164 66         Oranges.       14 doz.       26½       3 76         Oysters.       14 doz.       26½       3 76         Oysters.       94 gals.       1 10½       103 96         Olives.       1½ doz.       3 92       4 26         Olive oil.       4½ gals.       2 88       12 26         Overalls.       7 doz.       7 50       52 56 </td <td></td> <td></td> <td></td> <td>18 95</td>				18 95
Nails	Mittens	184 doz.	3 841	61 84
Needles, sewing.	Nails			12 05
Needles, knitting	Nails		074	1 48
Needles, sail	Needles, sewing			
Napkins   9 doz   1 42   12 76	Noedles sail			
Nuts         120 lbs.         10 tr           127 tr           12 70 tr             Nutmegs         4 lbs         55         2 26           Office tape.         1 spool         85           Oats.         785 bush.         41 tr           326 44           Oil cake.         100 lbs.         01 tr           1 spool           Oil cloth.         10 pieces.         1 47 tr           14 tr             Onions.         3 bbls.         2 00         6 00           Oatmeal.         22 bbls.         4 70 tr           164 66           Oranges.         13 boxes.         2 74 tr           35 66           Oysters.         14 doz.         26 tr           3 70           Oysters.         114 cans.         45         51 80           Oysters.         94 gals.         1 10 tr           10 90           Olives.         1 tr           3 92         4 20           Olive oil.         4 tr           4 tr           4 tr             Overalls.         7 doz.         7 50         52 56				12 78
Office tape.       1 spool       88         Oats.       785 bush.       41½       826 44         Oil cake.       100 lbs.       01½       1 tf½         Oil cloth.       10 pieces.       1 4½       14 7½         Onions.       3 bbls.       2 00       6 00         Oatmeal.       22½ bbls.       4 70½       164 66         Oranges.       13 boxes.       2 7½       35 66         Oranges.       14 doz.       26½       3 7         Oysters.       114 cans.       45       51 80         Oysters.       94 gals.       1 10½       103 96         Olives.       1½ doz.       3 92       4 20         Olive oil.       4½ gals.       2 88       12 20         Overalls.       7 doz.       7 50       52 56	Nuts			12 70
Oats       785 bush.       41 to 10 los.       326 40 or 10 los.       100 lbs.       01 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to	Nutmegs	4 lbs	55	2 20
Oats       785 bush.       41 to 10 los.       326 44 oct.       41 to 10 los.       100 lbs.       01 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       2 to 10 los.       3 to 10 los.       3 to 10 los.       3 to 10 los.       3 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 los.       1 to 10 l	Office tape	1 spool	·	85
Oil cloth.     10 pieces.     1 47½     14 77       Onions.     3 bbls.     2 00     6 00       Oatmeal.     22½ bbls.     4 70½     104 60       Oranges.     13 boxes.     2 7½     35 6½       Oysters.     14 doz.     26¾     3 70       Oysters.     114 cans.     45     51 80       Oysters.     94 gals.     1 10½     103 90       Olives.     1½ doz.     3 92     4 20       Olive oil.     4½ gals.     2 88     12 20       Overalls.     7 doz.     7 50     52 50	Oats		41.4	826 45
Onions.       3 bbls       2 00 degrees       6 00 degrees         Oranges.       18 boxes       2 74 degrees       35 60 degrees         Oranges.       14 doz.       26 degrees       3 7 degrees         Oysters.       114 cans       45 degrees       51 80 degrees         Oysters.       94 gals.       1 10 degrees       103 90 degrees         Olives.       1 doz.       3 92 degrees       4 20 degrees         Olive oil.       4 degrees       7 doz.       7 50 doz.       52 56 degrees			0178	1 80
Oatmeal.       22½ bbls.       4 70½       104 66         Oranges.       18 boxes       2 7½       35 66         Oysters.       14 doz.       26½       3 7         Oysters.       114 cans       45       51 80         Oysters.       94 gals.       1 10½       103 90         Olives.       1½ doz.       3 92       4 20         Olive oil.       4½ gals.       2 88       12 20         Overalls.       7 doz.       7 50       52 50				
Oranges       18 boxes       2 74½       35 66         Oranges       14 doz.       26¾       3 7         Oysters       114 cans       45       51 80         Oysters       94 gals       1 10½       103 90         Olives       1½ doz       3 92       4 20         Olive oil       4½ gals       2 88       12 20         Overalls       7 doz       7 50       52 50				
Oranges     14 doz.     26‡     3 76       Oysters.     114 cans     45     51 86       Oysters.     94 gals.     1 10½     103 95       Olives.     1½ doz.     3 92     4 25       Olive oil.     4½ gals.     2 88     12 25       Overalls.     7 doz.     7 50     52 56	Oranges			
Oysters.       94 gals.       1 101 103 90 103 103 103 103 103 103 103 103 103 10	Oranges		26#	3 70
Olives	Oysters			51 80
Olive oil.     4½ gals.     2 88     12 20       Overalls.     7 doz.     7 50     52 50				
Overalls 7 doz. 7 50   52 50		1 T COZ.		
		7 doz.	7 50	52 50
	Overcoats			60 00

Articles.	Quantity.	Average	
		price.	Amount.
Diene tunia			210.05
Playing cards	1 do		\$10 25 45
Plastering hair	2 hugh	\$ 80	60
Piano tuning. Playing cards. Plastering hair. Pipe and fittings.		Ψ 00	897 10
PROBING	ו בארו ציצי	51 ₁₁	11 28
Paints	. <b></b>		2 <b>29</b> 21
Putty	171 ibs.	0114	3 31
Paper fasteners	6 boxes		1 50
Pens, writing	5 gross	88	4 40
Pens. stylographic	1		2 63 108 50
Printing. Penholders.	8 doz.	311	95
Paper, writing.	420 reams	1 67	7 05
Paper, pads	16; doz.	354	5 90
Paper, b'otters.	‡ gross	75°	57
Paper tissue	24 guires	40 <del>,</del> 5	1 11
Pulleys and shafts			154 93
Putzpomade.	4 108.	50	2 00
Picks	doz.	7 80	1 95 2 75
Pick handles Plow	1½ doz.	1 831	13 65
Planting sticks.	1 2	45	10 00
Paris green	120 lbs	25	80 60
Plants, strawberry	2,500	004	10 00
Plants, cobe scandens	24 doz.	1 00	2 50
Pillow.	1		1 25
Powder guns.	2	10	20
Pins	12 pack	26	8 20
Paper, toilet	10 cases	09	45 55 45
Paper, shelf Paper, fly	4 quires 9 sheets	011	40
Pails	13 doz.	1 78	22 50 20 50
Postage		18	81 98
Photographic supplies	<b></b>		6 90
Patients' expenses	<b></b>		89 49
Pipes.	4 boxes	1 524	6 10
Pine apples	2 crates	6 25	i2 50
Pork	490 lbs.	108	51 19
Pork, salt	4 bls. 92 lbs.	14 56½   124	58 25 11 45
Pork sausage	1,869% bush.	61-0	839 59
Potatoes	14 bbls.	1 85	25 90
Potatoes, sweet	4 bbls.	3 811	15 25
Potatoes, sweet	1 bush.		1 25
Pumpkins, canned	2 doz.	80	1 60
Peaches	171 baskets	351	60 15
Peaches, dried	215 lbs.	10	21 50
Peaches, canned	6 doz.	1 77	10 60
Pears	2 bbls.	4 00 J 08 <del>1</del> 91	8 00 1 <b>85</b> 56
Pears, dried	1,579 lbs. 6,085 lbs.	064	388 00
Prunes	6 baskets	65	3 90

Itemized Statement of Cost.

A	0	Average	
Articles.	Quantity.	price.	Amount.
Plums	2 crates	\$1 50	<b>\$</b> 8 00
Plums, canned	2 doz.	1 80	8 20
Peas, split	6 bbls.	5 012	80 10
Peas, canned	2 cans		70
Pickles	8 bbls.	5 00	15 00
Pepper	90 lbs.		18 00
Peppers	8 doz. 656 yds.	181	40 52 21
Prints	49 pairs	0744 2 644	129 25
Palms	20 pans	85	70
Quadrupods	2		4 50
Quinces	1 bbl.		4 00
Ranges, repairing			109 39 965 87
Rubber stamps	2	924	1 85
Ribbons for typewriter	ã		8 00
Ruler	1		85
Rubber bands	1½ gross	84	1 26
Robes, lap	2		88 00
Robe lining	5 yds.		10 00 8 77
Rope	83 lbs. 10		3 71 3 71
Rubber sheeting	7 yds.	511	3 60
Rugs	17		46 25
Razor	1		1 58
Razor strops	1 049 150	48	4 30
Rice	1,963 lbs. 504 lbs.	05 <del>3</del> 05-3	108 67 28 71
Raisins.	6 boxes	1 68	10 10
Rutabagos	5 bbls.	1 20	6 00
Rubbers, ladies'	42 pairs	86	15 12
Strings, violin	4	15	GO
Stucco	6 bbls.	2 00	12 00
Sash Screws	6 40 <del>1</del> gross	2 12½ 83½	12 74 18 43
Sand paper	2 reams		5 28
Slates	2 doz.	7 22	8 75
Surgical instruments			81 25
Soda ash	1,780 lbs.	0218	45 52
Sole leather	1 piece		2 00
Scroll saw	1	• • • • • • • • • • • • • • • • • • • •	12 00
Sand screen	9.1 do=	7 95	8 00 24 50
ShovelsSprinklers	3 ₁ doz. 2		1 26
Scythes	₹ doz.		1 88
Snaths	i doz.		1 38
Scythe stones		08	24
Stove pipe	12 joints	15	1 80
Stove castings	26 <u>1</u> lbs.	10	2 65

Articles.	Quantity.	Average price.	Amount.
Stone boat	1		<b>\$</b> 3 50
Stone boatStabling horses			<b>Ž9 7</b> 5
Shavings	2 bdls.	<b>\$</b> 0 25	50
Seeds			<b>256</b> 50
oieikus, leogilluk			10 15
Sleigh bells	1 pr.		1 50
Sheeting, brown	1,110 yds. 4781 yds.	$11\frac{5}{12}$	126 21
Sheeting, bleached	4784 yas.	11#	54 55
Shade fixtures	T GLOSS		22 25
Stool	97K 1ho		5 00
Sulphur	970 108. 10 cela	· 02.8 1 70 871	8 22
Sanitas fluid	2 doz.	874	17 00 1 75
Scouring brick			1 50
Spittoons	1 doz.		6 50
Spoons, tea	8 doz.	1 92	15 85
Spoons, table	1 doz.		6 00
Spoons, mustard	2	11	23
Sewing machines, repairing			5 20
Sand soap.	12 bxs.	2 361	28 40
Scissors	1 pr.		60
Shears, barbers'	1 pr.		3 00
Shoe blacking	3 doz.	50	1 50
Shoe buckles	1 doz.		9 00
Starch	710 lbs.	03 <del>1</del> 1	26 10
Soap	7,689 lbs.	0841	283 76
Sad irons	100 11	85	70
Sad irons	192 lbs.	081	6 72
Sal soda	5,302 lbs.	01 18 70	60 09 28 00
Signal oilStrawberries	40 gals. 68 cases	2 051	189 61
Sardines	67 cans	183	12 52
Syrup	1,066‡ gals.	18	199 27
Syrup, maple	281 gals.	1 044	29 77
Sugar, cut-loaf	477 lbs.	05#	25 93
Sugar, powdered	589 lbs.	05.3.	30 32
Sugar, granulated	13,885 lbs.	0448	669 11
Sugar, C	4,855 lbs.	0818	190 86
Sage	1 lb		18
Bago	25 lbs.	041	1 13
Salt	25 bbls.	95 }	23 90
Salt, Ashton	5 sacks	2 75	13 75
Salt-peter	80 lbs.	084	2 60
Squash, canned	2 doz.	1 00	2 00
Seleratus	64 lbs.	05,9	3 56
Sauce, Worcester	₹ doz.	8 25	4 13
Sateen	521 yds.	118	6 15 95 94
Blippers, men's	801 doz.	881 941	25 34 70 6 <b>6</b>
Slippers, ladies'	75 pairs 7 pairs	941 751	70 66 5 28
Silk	21 doz.	78±	1 59
Shoes, men's	87 pairs	1 27	110 49

Itemized Statement of Cost.

Articles.	Quantity.	Average price.	Amount.
Shoes, ladies'	107 pairs	\$1 817 211	\$141 00 4 01
Shoes renairing		~19	20 80
Salaries and wages			28,815 06
Suspenders	81 doz. 1 doz	2 02	16 84
Shirts	1 doz		6 75
Suits	62	6 701/2	415 70
Tennis balis	4,		1 00
Transom lifts	6,		4 10
Turpentine	98‡ gais.	3610	38 83 25
Tools, miscellaneous	5 doz.		69 85
Twine hinding	(50) lbs.	071	4 50
Threshing	8.182 bu.	اید 02	68 64
Ticking	165 yds.	1219	20 31
Threshing Ticking Tinware, repairing Tinware, miscellaneous		`	6 15
Tinware, miscellaneous			98 61
Thermometers	17 doz.	· · · · · · · · · · · · · · · · · · ·	8 51
Thimbles	24 doz.	09\$	2 29 1 20
Traps, rat.	doz.	4 50	1 50
Toweling.	856½ yds.	07.70	65 85
Towels			19 93
Twine	11 doz 19 lbs. 17 boxes 184 lbs.	41	7 86
Toilet soap	17 boxes	6 091	103 60
Toilet-soap	181 ibs.	15#	2 90
Table covers	2001 -4-	1 07	2 14
Table linens	289‡ yds. 5	7 70	106 72 38 50
Table cloths Table cloth cleaning			1 00
Tape measures	2	05	10
Tooth picks	12 bnches		50
Tobacco, plug	756 lbs.		152 96
Tobacco, smoking	1,020 lbs.	124	131 00
Toll gate charges	• • • • • • • • • • • • • • • • • • • •		40
Telegraphing	• • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • •	12 82 152 25
Traveling expenses.			75 70
			35 91
Turkeys	1,992 lbs.	$11_{11}$	231 70
Tea, Japan	1,894 lbs.	11 ₁ 7 ₁ 15	291 68
Tea, black	143 lbs.	4.7	68 63
Tomatoes, canned	36 doz	1 2178	43 70
Tomatoes	9 crates	1 341.	12 08
Thread	36 doz 9 crates 107 doz.	4312	46 53
Vehicles, painting and repairing .			211 10
Veal	7,060 lbs.	07 <u>1</u> 9	558 14
Veal, calves' liver	253		62 95
Veal, plucks	49 <b>523 gals.</b>	15 08#	7 35 43 29
▼ 411 ○KG41	OZO KRIS.	. 00#	<b>≖</b> ∪ ∡∂

Articles.	Quantity.	Average price.	Amount.
Window blinds White lead Wire door. Wire screen Wire floor netting. Wire poultry netting. Wire guard Window glass Window glass Wall paper, border. Wall paper, ceilings Wall paper, hanging Whitening Wines Whiskey Wagon gear Wagon box, bulk Whip Wheel barrows Wheel barrows Wheel barrows Wheel barrows, repairing Webbing Water coolers Wax, paraffine Washing machines, repairing Wash boards	10 pairs 3,487 lbs.  1 399% ft. 114 sq. ft. 1,140 ft. 21 sq. ft. 7 boxes 162 lights 26 rolls 357 yds. 10  902 lbs. 4 gals. 37½ gals. 1 1 2  6 pieces 2 15 lbs. 330½ lbs.	15 2 071/2 191/4 431/4 125 75 042/5 2 071/2 2 00 6 371/2 1 00 3 00 371/4 111/4	\$11 50 215 30 18 00 6 33 43 61 8 55 3 15 14 52 31 10 11 20 43 23 7 50 6 40 41 97 8 30 75 90 36 90 6 90 6 00 6 00 5 59 37 19 3 25
YeastYarn	340 lbs. 26 lbs.	25 68‡	85 00 17 74
		,	<b>\$</b> 70,127 80

## Current Expenses, 1893.

#### STATEMENT

Showing receipts and disbursements and current cost of maintenance during the fiscal year ending September 30, 1893.

CURRENT EXPENSES.		
To balance in treasury October 1. 1892	<b>287 3</b> 8	s : <b></b>
To appropriation by county board		)
To board of private patients		/
To sales from farm		5
To sales of waste material		
To interest received for money deposited for		
hospital use	450 46	2
nospital use	700 12	1
(Total		\$86,494 77
Total		\$00,494 11
Per annuacements	\$153 40	\
By amusements	9 ARQ RA	۶
By alterations and repairs	947 0	3
By books, stationery and printing		
By drugs and medical supplies		
By engines, boilers, machinery and tools		
By fuel and heating	11,106 4	Ų
By farm, barn and garden	8,178 18	3
By household supplies	2,718 8	7
By laundry expenses		3  <b></b>
By lights, including fixtures		l
By miscellaneous items	745 59	9
By provisions	19,393 14	4
By patients' clothing	1,642 3'	7]
By salaries and wages	23,542 6	7
By mat and basket shop	124 2	7 7
<b>2</b> ,		\$67,017 81
	ļ	
Balance		\$19,476 96
Balance		11,947 97
Balance in treasury October 1, 1893		\$7,528 99
•	l 	1

#### Expenditures and Improvements.

#### STATEMENT OF MONTHLY EXPENDITURES.

At Milwaukee Hospital for Insane for the fiscal year ending September 30, 1893.

Months.	Current expense.	Improve- ments.	Total.
1892. October. November. December. 1893. January February. March April May June. July August September.	6,377 96 5,766 08 5,807 62 5,878 70 6,980 20 6,228 84 5,106 38 4,997 08 4,580 46 4,715 78	152 06 988 34 44 51 928 00	\$6.100 41 6,877 96 6,766 03 5,807 62 5,878 70 6,980 20 6,228 84 5,258 39 5,258 39 5,935 42 4,624 97 5,643 78 4,478 40

#### IMPROVEMENTS.

#### General improvement account.

_		
Dr.  To appropriation by county board		<b>\$</b> 5,000 00
Cr.		
By bills payable on account:  By kitchen area, wall and foundation wall to barn  By fever cottage  By ice lake  By beds  By general dining hall.  By omnibus  By electric door openers.	99 80 9 88 974 24 626 58 825 00	
Balance in treasury October 1, 1893		<b>\$</b> 1,9 <b>3</b> 7 09

#### Farm and Garden Products.

CURRENT COST OF MAINTENANCE.	
Supplies on hand October 1, 1892	\$1,683 44 67,017 86
TotalLess supplies on hand October 1, 1893	\$68,651 80 2,516 58
Actual consumption or current expenses  Less receipts from private patients, sales, etc	\$66,184 72 11,947 97
Cost of maintenance to Milwaukee county	\$54,186 75
Total number of day's board furnished	1,178.45
Weekly per capita cost on actual consumption	\$8 95 8 24

#### PRODUCTS OF FARM AND GARDEN

Of Milwaukee Hospital for Insane during the fiscal year	ending
September 30, 1893.	-
Beets, 177 bushels at 40 cents	\$70 80 25 20

Beans, green, 42 hushels at 60 cents		20
Currants, 3 bushels at \$2.50	7	50
Cucumbers, 439 dozen at 10 cents	43	90
Corn. 680 dozen at 10 cents	68	00
Carrots, 210 bushels at 40 cents	84	00
Cabbage, 6,045 heads at 4 cents	241	80
Cauliflower, 50 heads at 15 cents	7	50
Celery, 260 dozen at 15 cents	89	00
Ensilage, 150 tons at \$3 00	450	00
Hav. 20 tone at \$10.50	210	00
Lettuce, 866 dozen at 10 cents	86	60
Milk, 11,655 gallons at 16 cents	1,864	80
Oats, 1,757 bushels at 80 cents	527	
Onions, green, 317 bunches at 10 cents	31	70
Onions, 15 bushels at 70 cents	10	50
Potatoes, 1,888 at 57 cents	759	81
Pork, 8,412 pounds at 6 cents	504	
Peas, green. 52 bushels at 75 cents	78	00
Parsnips, 75 bushels at 40 cents	30	00
Parsley, 98 bunches at 10 cents		80
Radish, 74 bushels at \$2 50		75
Rhubarb, 1,100 pounds at 1 cent		09
Rye, 50 bushels at 45½ cents	22	
Spinach, 9 busnels at 50 cents		50
Squash, 1,650 pounds at 1 cent		50
Straw, 25 tons at \$6 00	150	
Turnips, 197 bushels at 35 cents	68	
Tomatoes, 97 bushels at 75 cents.		
Vegetable oyster plants, 50 bushels at 60 cents		00
A ER COUNTO O'LOUE MISTIGE AN DIRECTOR OF COURS	<b>3</b> U	w
Total	Ø5 K4R	<u></u>

## Articles Manufactured.

Articles manufactured and work done in mat shop at Milwaukee. Hospital for Insane for the fiscal year ending September 30, 1893.

	10
Rush mats, braided	42
Shuttle mats (tufted)	25
Woven mats	2
Hair mattresses for lounges	6
Hair mattresses for couches	3
Hair mattresses for beds	70
Pillows	8
Cocoa matting, 37 yards	1
Wood baskets	1
Cane and umbrella baskets	2
Waste baskets	2
Hammocks	5
Fringes, 8 yards	1
Mattresses covered	31
Mattresses made over	16
Chairs recaned	12
Cushions	4
Lounge repaired	1
Cots covered	2
Pillows made over	7
Lawn tennis net repaired	]
Total number of pieces	25:

# Articles Manufactured.

# Articles manufactured in sewing room for the fiscal year ending . September 30, 1893.

N	umber.
Aprons	168
Attendants' caps	21
Airing court robes	-6
Bed spreads	84
Bed ticks	78
Curtains	89
Comforters	5
Couch cover.	ĭ
Cans	8
Combination suits	2
Dish towels	10
Dresses	187
Drawers, women's, pairs	110
Drawers, men's, pairs	104
Horse blankets	8
Holders, sad irons.	98
Jelly bags	6
Mittens, pairs	- 18
Men's aprons	18
Napkins	24
Night dresses	7
Neckties	118
Pillow slips	848
Pillow ticks	6
Quilts	8
Rugs	8
Sheeta	404
Skirts	47
Strait suits	18
Saques	1
Skirte	128
Towels	474
Table cloths	22
Window shades	197
Wrappers	80
Total	2,766

#### Current Expenses, 1894.

#### STATEMENT

Showing receipts and disbursements and current cost of maintenance during the fiscal year ending September 30, 1894.

CURRENT EXPENSES.		
To balance in treasury October 1, 1898 To appropriation by county board To board of private patients To sales from farm To sales of waste material To interest received on money deposited for hospital use	60,000 00 12,655 56 82 63 36 18	
Total		\$80,546 91
By amusements.  By alterations and repairs  By books, stationery and printing.  By drugs and medical supplies  By engine, boilers, machinery and tools.  By fuel and heating  By farm, barn and garden  By household supplies  By laundry expenses  By lights, including fixtures.  By miscellaneous items  By patients' clothing.  By salaries and wages  By mat and basket shop	8,886 55 255 19 673 45 1,908 45 10.520 77 8,604 25 2,921 72 507 27 248 58 881 72 19,091 36 1,991 86 28,815 06	70,127 80
Balance	\$12,774 87 \$12,774 87	2,855 28

#### Monthly Expenditures, 1894.

#### STATEMENT OF MONTHLY EXPENDITURES

At Milwaukee Hospital for Insane for the fiscal year ending September 30, 1894.

Months.	Current expense.	Improve- ments.	Total.
October, 1893 November, 1893 December, 1893 January, 1894 February, 1894 March, 1884 April, 1894 May, 1894 June, 1894 July, 1894 August, 1894 September, 1894 Totals	6,819 88 6,259 24 5,651 96 6,009 91 6,821 48 6,040 14 5,221 12 5,888 77 5,948 89	34 96 459 52 199 52 244 58	\$6,344 29 6,319 88 6,343 24 5,651 96 6,009 91 6,356 44 6,499 66 5,420 64 5,578 35 5,578 35 5,594 25 5,153 96

## Improvements and Cost of Maintenance.

#### IMPROVEMENTS.

### General improvement account.

Dr.  To balance in treasury October 1, 1893 To appropriation by county board	\$1,937 500	09 00 - \$2,487 09
Cr.		
By bills paid on account—  By beds  By Turkish bath  By gardener's house  By water works telephone	249	96
Balance in treasury October 1, 1894		\$1,348 92

## CURRENT COST OF MAINTENANCE.

Supplies on hand October 1, 1893	\$3,516 58 70,127 80
TotalLess supplies on hand October 1, 1894	\$72,644 89 1,447 41
Actual consumption or current expenses	\$71,196 97 12,774 87
Cost of maintenance to Milwaukee county	\$59,489 60
Total number of days' board furnished	129,419
Weekly, per capita cost on actual consumption	\$3 85 3 16

## Farm and Garden Products.

#### PRODUCTS OF FARM AND GARDEN

Of Milwaukee Hospital for Insane during the fiscal year ending September 30, 1894.

Beets, 192 dozen bunches, at 15c	<b>\$</b> 28	80
Beets, 80 bushels, at 50c	15	00
Beans, 67 bushels, at \$1.25	83	75
Beef. 3.714 pounds, at 6+c	282	12
Currants, 9 bushels, at \$2 75	24	75
Carrots, 58 dozen bunches, at 12c	6	36
Carrots, 210 bushels, at 40c	84	00
Cucumbers, 870 dozen, at 12c	44	40
Cucumbers, 300 bushels, at 70c	210	00
Corn, 1,086 dozen, at 10c	108	60
Cabbage, 10,168 heads, at 2½c	254	20
Cauliflower, 1,700 heads, at 71c	127	50
Ensilage, 150 tons, at \$3	450	00
Hav. 18 tons. at \$12	216	00
Kohlrabbi, 243 dozen bunches, at 124c	42	88
Kale, 1,800 plants, at 24c	45	00
Lettuce, 456 dozen, at 10c	45	60
Milk, 11.829 gallons, at 16c	1,892	64
Melons, 67 dozen, at 70c	46	
Osts, 1,325 bushels, at 85c	468	75
Onions, green, 155 dozen bunches, at 15c	23	25
Onions, 150 bushels, at 60c	90	00
Potatoes, 1,200 bushels, at 65c	780	00
Pork, 3,714 pounds, at 64c	241	41
Paralev. 161 bunches, at 10c	16	10
Peas, 80 bushels, at \$1.25	100	Oυ
Parsnips, 100 bushels, at 40c	40	00
Radish, 811 dozen bunches, at 10c	81	
Rhubarb, 266 dozen buuches, at 20c		20
Rutabagoe, 247 bushels, at 40c		80
Spinach, 57 bushels, at 40c		80
Squash, 10 bushels, at \$1.00	10	00
Straw, 25 tons, at \$5.00	125	w
Tomatoes, 165 bushels, at 70c	115	50
Vegetable oyster plants, 50 bushels, at 60c	80	
Turnips, 290 bushels, at 35c	101	50
Total	<b>26.800</b>	91

## Articles Manufactured.

Articles manufactured and work done in mat shop at Milwaukee Hospital for Insane for the fiscal year ending September 30, 1894.

	Yards.	Pieces.
Cocos braided mats		19
Woven mats Fringes Wood baskets	43	2
Waste baskets		6
Rugs, small Stockings, pairs Chairs, recaned		19 20
Couches Couches repaired Cushions		13 15 16
Cushions repaired	35	17 2
Hair mattresses, single		83 7
Hair mattresses, covered and made over		77 18 140
Baskets, repaired		2 2
	87	489

# Articles Manufactured.

# Articles manufactured in sewing room during the fiscal year ending September 30, 1894.

Aprons	
Attendants' caps	
Awnings	
Bed ticks	
Hed spreads	
Bonneta	
Curtains	
Chemises	
Comforters	
Cooks' caps	
Clothes bags	
Coffee bags	
Dresses	
Drawers, women's, pairs	
Drawers, men's, pairs	
Danes maists	
Dress waists	
Horse blankets	
Hoods canvas	
Mattress covers	
Mittens, canvas, pairs	
Mens' aprons	
Napkins	
Night dresses	
Neckties	
Pillow ticks	
Pillow slips	
Pillow shams	
Quilts, strong	
Rugs	
Sheets	
Skirts	
Straight suits	
Straight dresses	
Shirts	
Sad iron holders	
Table cloths	
Towels	
Wrappers, men's	
Wrappers, women's	
A rapheral Anmon a	
Total number of nieces	2

## Fruit and Vegetables.

Fruit and vegetables put up at Milwaukee Hospital for Insane during the fiscal year ending September 30, 1894.

### CANNED FRUIT.

Peaches Blueberries. Pineapple. Cherries. Plums. Blackberries. Strawberries.	66 quarts 40 quarts 23 quarts 17 quarts 26 quarts 20 quarts 14 quarts
JELLY.	
Currant	16 dozen 15 dozen
Grape	2 dozen
PICKLES.	
Mixed pickles	85 gallons 2 gallons
Pickles, cucumber	28 barrels 36 barrels
Tomatoes	188 gallons

# Inventory of Property.

## INVENTORY OF PROPERTY.

Kind and estimate value of property belonging to Milwaukee Hospital for Insane, September 30, 1894.

Coal house	\$1,108	10
Dry house	2,930	
Drugs, medical supplies and fixtures		
Engine, boiler and heating apparatus	88,262	
Extension ladders.	182	
Electric light plant	6.477	
Farming implements, harnesses, etc	2,687	00
Furniture and fixtures.	21.822	15
Fire hose and nozzles	1,302	
Fire extinguishers	500	
Fever cottage	445	67
Grading and improvements of ground	8.822	09
Change and improvements of ground		20
Granary. Hog house.	988	
Hot house.	782	
Ice house	697	84
Ice lake.	198	62
Land	10,000	
Live stock	8,125	
Tibrary	968	
Library Main building, barn and farm houses	209,357	
Passenger elevator.	1.456	15
Provisions and supplies		14
Patients' clothing	267	27
Plunge bath	178	
Root cellar	2,854	
Slaughter house	700	
Silo	540	18
Sidewalks and depot	1,090	
Sewers	4,006	
Sun room	1.018	
Turkish bath	1,019	
Wood shed	189	
Wagon shed	517	57
Water work telephone		
waver work rerehands		
Total	<b>\$</b> 890 900	89
**************************************	φυευ, ευυ	U

### STATISTICS.

Table showing admissions and discharges during the year, and the number under treatment September 30th, 1893.

	Male.	Fe- male	Total.
Remaining under treatment Sept. 30th, 1892 New admissions for the year	156 83	148 74	
Re-admissions from parole, bond, etc	27 266	238	43 504
Average number treated  Discharged recovered  Discharged improved	31 28	21 9	37
Discharged unimproved	16	9 2 1 22	25 5
Died Total discharged	109	64	178
Remaining under treatment Sep. 30th, 1893	157	174	331

# Form of mental disorder on admission.

	Male.	Fe- male.	Total.
Manie, acute Manie, chronic Manie, recurrent Mania, puerperal Melancholia, acute. Melancholia, chronic Dementia, primary Dementia, secondary Dementia, senile Dementia, organic Epilespy General paresis Locomotor ataxia Imbecility	7 6 20 16 3 1 8 2 3 6	4 8 7 24 7	43 11 14 23 7 2 15 5 9 6
Parancia	3	·····ż	5
Total	110	90	200

## Probable causes in those admitted.

	Mal e.	Fe- male.	Total.
Unknown	5	1	6
Intemperance	22	4	26
Imbeciles	3	3	6
Epilepsy	8	1	'9
Heredity	7	8	15
Senility	9	5	14
Not insane		$\tilde{2}$	5
Domestic affliction		· 11	15
Parturition		ii	ii
Overwork	12	6	18
Masturbation	10	3	13
Insolation	6	1	107
		8	8
Menapause		0	1
Fright	1	;	1
Influenza		2	3
Nostalgia	1	z	<u>.</u> 3
Syphilis	7		7
Ill health	8	6	14
Chronic brain disease	3	1	4
Paranoia	1		1
Amenorrhœa		6	6
Religion		7	7
Total	110	90	200
•			

# Diration of insanity previous to admission.

	Male.	Fe- male.	Total.
One week or less	5	6	11
Two weeks	5	7	12
Three weeks	9	i	3
One month	1	•	ĭ
Bix weeks	5		_
Two months	5	9	5 7
Three months		3 3 3	
Four months	9	3	
	3	9	8 6 .1
Five months	1	;	
Six months	4	1	5 1 3
Seven months	1		ı
Nine months	1	2 5	3
oe year	4	5	9
I'wo years	22	12	
Chree years	10	8 3	18
Four years	6	3	9
Five years	'6	8	14
3ix years	2	3	5
Seven years	l	1	1
Eight years	2	1	3
Cen years	4	8	. 12
Fifteen years	4	l	4
Iwenty years	Ī	1	1 9
Chirty years	l ī		Ī
Unknown	l 7	7	14
Congenital	i i		1
Not insane	) š	2	ì
Total	110	90	200

# Nativity of those admitted.

	Mal e.	Fe- male.	Total.
United States	422 388 7 22 33 11 33 22 34 11	44 31 4 5 1 2	86 69 11 7 4 3 3 3 4 4
Total	110	90	

# Ages of those admitted.

,	Male.	Fe- male.	Total.
Fifteen to twenty years. Twenty to twenty-five years. Twenty five to thirty years. Thirty to thirty-five years. Thirty-five to forty years. Forty to forty-five years. Forty-five to fifty years. Fifty to fifty-five years. Fifty five to sixty years. Sixty to sixty-five years. Sixty to sixty-five years. Seventy to seventy years. Seventy to seventy-five years. Seventy-five to eighty years.	13 17 17 14 6 14 8 10	16 19 8 4 10 9 5	33 36 22 10 24 17
Total	110	90	200

# Occupation of those admitted.

	Male.	Fe- male.	Tota
Bookkeeper	1		İ
Cooper	ī		
Saloonkeeper	ī		
aborer	26		
None	6		'
Jnknown	6		l
Painter	4	·····	ļ
Letter carrier	2		l
Drummer	2		i
Canner	2		l
Carpenter	10		
tudent	2	• • • • • •	l
Herk	3		
Rectrician	i	• • • • • •	1
Hassblower	i	• • • • • •	ł
amalan	1	• • • • • •	1
eweler	7	• • • • •	l
armer	1 4	• • • • •	
abinetmaker	2	• • • • • •	1
Priver	_	• • • • • •	ł
fachinist	4		l
rinter	1	• • • • •	1
ferchant	2		
lacksmith	1		ł
Boxmaker	1		
ailor	1	• • • • • •	
Vaiter	1		l
igarmaker	3		
lason	1		
Boilermaker	2		1
Broommaker	1		1
fusic teacher	2	` , • • • • • •	!
falster	2		1
Baker	1		l
Barber	2		1
fattress maker	1	<b> </b>	i
hysician	3		l
'lorist	2	l. <b></b>	Į
aundress	. <b></b> .	1	1
cook		1	1
Domestic		32	
Iousewife		50	ł
Iousekeeper		4	
)ressmaker		2	
Total	110	90	1 2

# $\c Statistics.$

## Causes of death.

	Male.	Fe- male.	Total
Exhaustion from acute mania  Exhaustion of acute melancholia  Exhaustion of chronic mania  Exhaustion of general paresis  Exhaustion of chronic melancholia  Exhaustion of chronic melancholia  Pneumonia  Cerebral effusion  Status epilepticus  Phthisis pulmonalis  Meningitis  Organic dementia  Recurrent mania	1 1 5 7 2 1 5	3 2 1 10 10 1 1 1	18
Total	28	22	50

### STATISTICS.

Table showing admissions and discharges during the year, and the number under treatment September 30th, 1894.

	Male.	Fe- male.	Total.
Remaining under treatment Sept. 30th, 1893	157	174	331
New admission for the year	80	67	
Re-admissions from parole, bond, etc	35	13	
Whole number treated		254	526
Average number treated			354111
Discharged recovered	30	23	53
Discharged improved	30 23	12	35
Discharged unimproved	16	7	23
Discharged not insane	3	•	3
Trans. to county asylum for chronic insane	4	4.	8
Died	17	92	39
Total discharged	93	22 68	161
Remaining under treatment Sept. 30th, 1894	179	186	365
and a second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec			

## Form of mental disorder on admissson.

	Male	Fe- male.	Total.
Mania, acute	27	22	49
Mania, chronic	3	5	4
Melancholia acute	29	18 10	47 19
Dementia, primary	6	.4 10	10 16
EpilepsyGeneral paresis	7 9	2	9
Imbecility	2		9
Total	115	80	195

## Probable causes in those admitted.

	Male.	Fe- male.	Total.
II-l-	. 38	28	66
Unknown Labor trouble		20	00
			1
Congenital	•1	1	
Intemperance			31
Epilepsy	. 5		
Senility	. 6	10	
Not insane	.   2		2
Domestic affliction		9	10
Parturition		5	1 5
Overwork	. 7	1	۱ 8
Masturbation	. 4	2	1 6
Climacteric	.	1 1	1
Traumatism			1 4
Lactation		2	2
Syphilis		· ī	1 7
Ill health	·  š	î	l ģ
Hysteria		1 2	1 2
Amenorrhœa		4	4
		2	2
Religion			
Mental worry	· ····	10	10
Total	. 115	80	195

# Duration of insanity previous to admission.

•	Male.	Fe- male.	Total
ne week or less	6	6	12
wo weeks	6	3	9
hree weeks	3	1	' 4
ne month	2 2 5	2	4
ix weeks	2	3	5
wo months	5	3	8
hree months	2	1	3
our months	3	3 2 5	ļ (
ive months	2	2	4
ix months	7	5	1:
even months	4	3	7
ine months	4	ĺ	
ne vear		4	11
wo years	_	8	14
hree years		8 7	i i
our years			
ive years	5	ရိ	,
ix years	5	1 3	۱,
		3 2 3 2 2	
even years		9	
light years		$\frac{1}{2}$	1 :
en years		1	
ifteen years	3	1 1	:
wenty years	1	'iż	3
nknown		12	
ongenital	4	1	
ot insane	2		} }
Total	115	80	19

## Ages of those admitted.

	Male.	Fe- male.	Total.
Under ten Fifteen to twenty. Twenty to twenty-five	5	 5 14	1 10 22
Twenty-five to thirty	17 25 23	7 9 10	24 34 33
Forty to forty-five. Forty-five to fifty. Fifty to fifty-five. Fifty five to sixty.	10   3		17 14 10 7
Sixty to sixty-five.  Sixty-five to seventy  Seventy to seventy-five.	1 5 2		1 7
Seventy-five to eighty Eighty to eighty-five	1	$\begin{bmatrix} \frac{2}{1} \\ \frac{80}{80} \end{bmatrix}$	2

# Occupation of those admitted.

Shoe stitcher	Total
Cooper         [           Laborer         23           None         6           Unknown         1           Painter         4           Carpenter         2           Dentist         1           Rag peddler         2           Student         3           Clerk         2           Bookbinder         1           Jeweller         2           Butcher         1           Farmer         4           Cabinet maker         2           Driver         2           Engineer         4           Machinist         2           Tailor         2           Printer         1           Merchant         5           Blacksmith         1           Sallor         3           Cigarmaker         4           Mason         3           Barber         1           Music teacher         2           Baker         3           Florist         1           Soldier         3           Car inspector         2           Wool washer         1	
Salconkeeper       2         Laborer       23         None       6         Unknown       1         Painter       4         Carpenter       2         Dentist       1         Rag peddler       2         Student       3         Clerk       2         Bookbinder       1         Jeweller       2         Butcher       1         Farmer       4         Cabinet maker       2         Driver       2         Engineer       4         Machinist       2         Tailor       2         Printer       1         Machinist       2         Tailor       2         Printer       1         Merchant       5         Balkor       3         Sallor       3         Cigarmaker       4         Mascon       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2	1 3
Laborer   23   None   6   7   Volumbrown   1   Painter   4   Carpenter   2   Dentist   1   Rag peddler   2   Student   3   Clerk   2   Bookbinder   1   Jeweller   2   Bookbinder   1   Tarmer   4   Cabinet maker   2   Driver   2   Driver   2   Engineer   4   Machinist   2   Tailor   2   Printer   1   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmith   5   Blacksmit	] 5
None         6           Unknown         1           Painter         4           Carpenter         2           Dentist         1           Rag peddler         2           Student         3           Clerk         2           Bookbinder         1           Jeweller         2           Butcher         1           Farmer         4           Cabinet maker         2           Driver         2           Engineer         4           Machinist         2           Printer         1           Merchant         5           Blacksmith         1           Sailor         3           Cigarmaker         4           Mason         3           Barber         1           Music teacher         2           Baker         3           Soldier         3           Car inspector         2           Wool washer         1           Surveyor         2           Gambler         2           Canvasser         2           Knitter         1 </td <td>] 3</td>	] 3
Unknown       1         Painter       4         Carpenter       2         Dentist       1         Rag peddler       2         Student       3         Clerk       2         Bookbinder       1         Jeweller       2         Butcher       1         Farmer       4         Cabinet maker       2         Driver       2         Engineer       4         Machinist       2         Tailor       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Canwasser       2         Knitter       1         Policeman       1         Trunk maker       1 <td>2</td>	2
Painter       4         Carpenter       2         Dentist       1         Rag peddler       2         Student       3         Clerk       2         Bookbinder       1         Jeweller       2         Butcher       1         Farmer       4         Cabinet maker       2         Driver       2         Engineer       4         Machinist       2         Tailor       2         Printer       1         Merchant       5         Backsmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Canwasser       2         Knitter       1         Policeman       1         Telephone girl       1         House wife	
Carpenter       2         Dentist       1         Rag peddler       2         Student       3         Clerk       2         Bookbinder       1         Jeweller       2         Butcher       1         Farmer       4         Cabinet maker       2         Driver       2         Engineer       4         Machinist       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Telephone girl       1         House wife       4         Swoing girl	1
Dentist         1           Rag peddler         2           Student         3           Clerk         2           Bookbinder         1           Jeweller         2           Butcher         1           Farmer         4           Cabinet maker         2           Driver         2           Engineer         4           Machinist         2           Printer         1           Merchant         5           Blacksmith         1           Sailor         3           Cigarmaker         4           Mason         3           Barber         1           Music teacher         2           Baker         3           Florist         1           Soldier         3           Car inspector         2           Wool washer         1           Surveyor         2           Gambler         2           Canvasser         2           Knitter         1           Policeman         1           Telephone girl         1           House wife	1
Rag peddler       2         Student       3         Clerk       2         Bookbinder       1         Jeweller       2         Butcher       1         Farmer       4         Cabinet maker       2         Driver       2         Engineer       4         Machinist       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Insmith       1         Trunk maker       1         Domestic       2         House wife       4         Shoe stitcher	
Student	1 :
Clerk         2           Bookbinder         1           Jeweller         2           Butcher         1           Farmer         4           Cabinet maker         2           Driver         2           Engineer         4           Machinist         2           Printer         1           Merchant         5           Blacksmith         1           Sailor         3           Cigarmaker         4           Mason         3           Barber         1           Music teacher         2           Baker         3           Florist         1           Soldier         3           Car inspector         2           Wool washer         1           Surveyor         2           Gambler         2           Canyasser         2           Knitter         1           Policeman         1           Telephone girl         1           Horse dealer         1           Trunk maker         1           Domestic         2           House wife	
Bookbinder	1 :
Jeweller	
Butcher         1           Farmer         4           Cabinet maker         2           Driver         2           Engineer         4           Machinist         2           Printer         1           Merchant         5           Blacksmith         1           Sailor         3           Cigarmaker         4           Mason         3           Barber         1           Music teacher         2           Baker         3           Florist         1           Soldier         3           Car inspector         2           Wool washer         1           Surveyor         2           Gambler         2           Canvasser         2           Knitter         1           Policeman         1           Telephone girl         1           Horse dealer         1           Tinsmith         1           Trunk maker         1           Domestic         4           Sewing girl         5           Shoe stitcher         4           Housekeeper </td <td>   </td>	
Farmer       4         Cabinet maker       2         Driver       2         Engineer       4         Machinist       2         Failor       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         I Prunk maker       1         I Prunk maker       1         I Druggist       1         Domestic       4         Sewing girl       5         Shoe stitcher       4         Housekeeper       4	
Cabinet maker       2         Driver       2         Engineer       4         Machinist       2         Pailor       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Trunk maker       1         Trunk maker       1         Torugist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       4         Housekeeper       1	
Driver         2           Engineer         4           Machinist         2           Failor         2           Printer         1           Merchant         5           Blacksmith         1           Sailor         3           Cigarmaker         4           Mason         3           Barber         1           Music teacher         2           Baker         3           Florist         1           Soldier         3           Car inspector         2           Wool washer         1           Surveyor         2           Gambler         2           Canvasser         2           Knitter         1           Policeman         1           Pelephone girl         1           Horse dealer         1           Trunk maker         1           Domestic         2           House wife         4           Sewing girl         5           Shoe stitcher         4           Housekeeper         4	
Engineer       4         Machinist       2         Priator       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Digarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Policeman       1         Prinsmith       1         Trunk maker       1         Drungist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       4         Housekeeper       4	
Machinist       2         Pailor       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Fleiephone girl       1         Horse dealer       1         I'nsmith       1         I'runk maker       1         Domestic       2         House wife       4         Shoe stitcher       5         Housekeeper       Housekeeper	
Pailor       2         Printer       1         Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1'         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Telephone girl       1         Horse dealer       1         Trunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       4         Housekeeper       4	1 :
Merchant       5         Blacksmith       1         Sailor       3         Cigarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Cambler       2         Canvasser       2         Knitter       1         Policeman       1         Pelephone girl       1         Horse dealer       1         Finsmith       1         Frunk maker       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       4         Housekeeper       Housekeeper	1 :
Blacksmith   1	
Sailor       3         Digarmaker       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Jambler       2         Canvasser       2         Knitter       1         Policeman       1         Fleephone girl       1         Horse dealer       1         Frunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       Housekeeper	
Cigarmaker.       4         Mason       3         Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Canvasser       2         Knitter       1         Policeman       1         I Pelephone girl       1         Horse dealer       1         I Frunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       Housekeeper	1 :
Mason       3         Barber       1'         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Felephone girl       1         Horse dealer       1         Trunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       4         Housekeeper       4	! :
Barber       1         Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Felephone girl       1         Horse dealer       1         Prunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       1         Housekeeper       1	1
Music teacher       2         Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Camvasser       2         Knitter       1         Policeman       1         Felephone girl       1         Horse dealer       1         Frunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       3         Shoe stitcher       4         Housekeeper       4	:
Baker       3         Florist       1         Soldier       3         Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Telephone girl       1         Horse dealer       1         Trunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       1         Housekeeper       1	
Torist	
Soldier	1
Car inspector       2         Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Iclephone girl       1         Horse dealer       1         I'insmith       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       Housekeeper	, J
Wool washer       1         Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         Telephone girl       1         Horse dealer       1         Trinsmith       1         Trunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       1         Housekeeper       1	1 :
Surveyor       2         Gambler       2         Canvasser       2         Knitter       1         Policeman       1         If elephone girl       1         Horse dealer       1         Trunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       Housekeeper	1
Gambler.       2         Canvasser.       2         Knitter.       1         Policeman       1         Pelephone girl       1         Horse dealer       1         Finsmith       1         Trunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       Housekeeper	
Canvasser.       2         Knitter       1         Policeman       1         Telephone girl       1         Horse dealer       1         Tinsmith       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       1         Housekeeper       1	1 .
Knitter.       1         Policeman       1         I Pelephone girl       1         Horse dealer       1         I'insmith       1         Irunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       1         Housekeeper       1	
Policeman	1
Pelephone girl       1         Horse dealer       1         Pinsmith       1         Frunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       3         Shoe stitcher       4         Housekeeper       4	1
Horse dealer 1  Pinsmith 1  Prunk maker 1  Druggist 1  Domestic 22  Sewing girl 4  Shoe stitcher Housekeeper 1	
l       1         l       1         l       1         l       1         l       1         l       2         l       2         l       3         l       4         l       3         l       4         l       3         l       4         l       3         l       4         l       3         l       4         l       3         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l       4         l	
Trunk maker       1         Druggist       1         Domestic       2         House wife       4         Sewing girl       5         Shoe stitcher       1         Housekeeper       1	
Druggist. 1 Domestic 2 House wife 4 Sewing girl	.i
Domestic	
House wife	) 2
Sewing girlShoe stitcher	
Shoe stitcher	3
Housekeeper	
Nurse	
	4
Total	19

# Nativity of those admitted.

	Male.	Fe- male.	Total.
United States	47	41	88
Germany	41(		
[reland	12	3	
England	1	1	2
Poland	1	3	
Canada		. 2	3
Holland		1	1
Austria	2		2
Russia	2	1	3
Bohemia	2	1	1 3
New Brunswick	1		1
Switzerland	ī		1 1
Norway	$ar{2}$	· · · i	3
Belgium	ī.	•	ĭ
Denmark	ī		. i
E-OMMIGIE E		•••••	
Total	115	80	195

## Causes of death.

	Male.	Fe male.	Total.
Exhaustion from acute mania  Exhaustion from acute melancholia.  Exhaustion from chronic mania.  Exhaustion from secondary dementia.  Exhaustion from senile dementia.  Exhaustion from general paresis.  Exhaustion from chronic melancholia.  Exhaustion from recurrent mania.  Cerebral effusion.  Status epilepticus.  Pulmonary phthisis.  Acute pericarditis and melancholia.  Exhaustion phlegmonous erysipilis in course of	1 4 3 2 1 1	4 2 1 1 8 8	721122 1232211312
senile, dementia		1	. 1
Total	17	22	39

# BIENNIAL REPORT

OF THE

# ADJUTANT GENERAL

OF THE

# STATE OF WISCONSIN.

FOR THE

Two Fiscal Years Ending September 30, 1894.



MADISON, WISCONSIN:
DEMOCRAT PRINTING COMPANY, STATE PRINTER.
1894.

# EMPLOYES IN ADJUTANT GENERAL'S OFFICE.

# 

### STATE OF WISCONSIN.

# REPORT OF THE ADJUTANT GENERAL.

To His Excellency George W. Peck,

Governor and Commander-in-Chief.

SIR:—I have the honor to transmit the report of this department for the two years ending September 30th, 1894, as follows:

### INTRODUCTORY.

By virtue of your appointment, I assumed the duties of Adjutant General of the State of Wisconsin on the 15th day of December, 1893, relieving General Joseph B. Doe, who had been called to filled the exalted position of Assistant Secretary of War. at Washington.

I found the National Guard of this state in a favorable condition with the exception of a few companies. The new military code adopted by the preceding legislature had not yet had time to appreciably affect the work or discipline of the guard, for the reason that the new rules and regulations had not been published and distributed. Now, however, this has been done, and though the new rules make some radical changes in the matter of reports and company business methods, the necessity for these changes is made more evident as the new system progresses, and all the officers commanding the different organizations appear anxious to work up to the new requirements.

The personnel of the Guard is excellent, and as a rule the officers are intelligent and enthusiastic, striving earnestly to advance the efficiency of their commands, and to awaken a spirit of emulation among the enlisted men in drill, discipline and target practice, that shows good results in the late inspections, and in the work and attendance at the last annual encampment. The possibilities of improvement are still great, and with continued watchful care and encouragement from the commander-in-chief and staff, the chances for constant, rapid advancement are excellent.

### ACTIVE SERVICE.

Twice during the past two years has the National Guard of this state been called out for active service, but in the second instance they did not leave their stations. On the 15th day of April, 1893, the Commander-in-Chief received a telegram from the sheriff of Rock county, saying that he could not remove a prisoner from the jail at Clinton Junction because of the presence of an angry mob, which threatened to lynch said prisoner, and asking for military aid.

The aid was promptly furnished by ordering Company "I," First Infantry, to the scene of trouble by special train, and under the direction of Gen. Doe, the prisoner was successfully rescued and delivered safely at the jail at Baraboo.

The prompt and soldierly action of the officers and men of Company "I" was all that could be desired, and won the hearty commendation of the Adjutant General and Commander-in-Chief.

On July 8th, 1894, your Excellency received a telegram from E. W. Winter, General Manager of the Chicago, St. Paul, Minneapolis & Omaha Ry., in which he stated that he requested the sheriff of Washburn county to furnish him aid to transact the regular business of his road at Spooner, Wisconsin, where a mob of strikers and their sympathizers had prevented the running of trains, and asked the assistance of state troops to enable them to operate their road.

Your Excellency not receiving this request from an official source, telegraphed the sheriff of Washburn county for full information on the subject, and received a reply to the effect that he, the sheriff, was powerless to prevent lawlessness with any posse which could be raised, and that troops were necessary for the purpose of keeping traffic open. On the strength of this telegram you directed me to order under arms and hold in readiness to move at a moment's notice, four companies of the Third Infantry. The following companies were ordered to assemble at their respective armories, and Colonel Moore notified by telegram to assume command: Companies "E" and "L" at Eau Claire, Company "H," Menomonie and Company "C," Hudson.

Owing to the fact that it was Sunday night about 11:30, and that all the offices of the Western Union Telegraph Company were closed, telegrams had to be sent over railway companies' wires, and for the prompt service and delivery of the same thanks are due Supt McKenna, of the Chicago, Milwaukee & St. Paul road, and his chief of telegraph service, Mr. Fry, who rendered willing and valuable assistance. The promptness with which these four companies assembled under arms at their respective armories, in the middle of the night and at an unexpected call, shows the remarkable degree of efficiency which the Wisconsin National Guard has attained, and was a genuine surprise to regular army officers and all persons interested in military matters. The time in which each company reported for duty as given in the official reports is as follows: Company "E" Third Infantry, Eau Claire, Captain Joseph M. Ballard, received telegram at 12:20 A. M. and at 2:15 A. M. had fiftyseven (57) officers and enlisted men present for duty, which comprised every member of the company within the city limits.

Company "C," Third Infantry, Hudson, Captain George J. Nash, received telegram at 12:10, and at 1:30 fifty (50) men reported for duty, and at 3:30 the company was ready to move, fully equipped.

Company "H," Third Infantry, Menomonie, Captain Louis O. Haugen, received telegram at 12:30 A. M. and had fifty-seven (57) officers and men for duty fully equipped, at 4:30 A. M.

Company "L," Third Infantry, Eau Claire, Captain Christopher Schlosser, failed to state in his report when my telegram was received (but it was no doubt received at about the same time as that reported by Captain Ballard), and he reported fifty one (51) men present for duty but failed to state the exact time, it was however between 2 and 3 A. M.

Shortly after the troops were under arms, the sheriff of Washburn county telegraphed that he thought the strikers might be handled without the assistance of troups, and to withhold them for a time. At the same time Mr. Winter telegraphed that an effort to move trains had been unsuccessful. As the reports from Spooner were very conflicting, your Excellency dispatched to the scene of trouble Quartermaster General Louis Auer, who arrived at Spooner on July 10th and immediately fully investigated matters, and received promises from the leaders of the strike that they would allow the trains to run, and would commit no depredations. On the strength of these promises of the strikers backed by assurances of the citizens of Spooner, General Auer started to return, but when he reached Eau Claire he was recalled to Spooner as the strikers had broken their promises and renewed their interference with mov-On General Auer's arrival at Spooner he tried ing of trains. a different course of persuasion. Personally going into the freight yards he addressed the strikers saying that if they did not at once allow trains to depart and cease all interference with them, he should have troops ordered up at once, and he remained in the yards until all trains ready to move had pulled out without trouble or interference. It is not exaggeration to say that the personal presence and determined action of Gen. Auer alone prevented the forwarding of troops to Spooner, and possibly a conflict with the rioters.

On the return of Gen. Auer the troops were ordered to

disband, and a telegram sent by your Excellency to Col. Moore thanking him and the troops under his command for their prompt response to the call, and soldierly bearing while on duty.

On another occasion a request for troops was made by the citizens of Ashland, and the Commander-in-Chief again showed his good judgment by sending a member of his staff to the scene of trouble, and although matters were serious and an outbreak apparently imminent, the officer was successful in arranging matters satisfactorily to all parties, without calling on the military for aid.

It is a matter of congratulation to your Excellency and to the citizens of Wisconsin, that through a time of serious trouble on account of strikes, which spread all over the country, and which in many cases called for military force, no conflict was precipitated within the borders of this state, and this is due very largely to the good judgment shown by you in dealing promptly and rationally with the turbulent strikers, and in your determination to exhaust all other means and methods before using the military force.

Nevertheless recent events have further emphasized the necessity for a well equipped and efficient military force, which can be placed under arms on short notice and can be relied upon to give all required aid in supporting the authorities of the state, and in quelling any uprising which civil authorities find it beyond their power to control, and the fact is again emphasized that expenditures for the maintenance of our National Guard is money well spent, and may result in saving to the citizens of the state greater value in one day than it costs in many years.

During the past two years the troops have again received new uniforms throughout, and with the exception of blankets and mess outfits are fully equipped for active service. I earnestly recommend that at an early date they be furnished with mess outfits and woolen and rubber blankets, and also that new arms

### Inspections.

be procured at the earliest possible date, as the rifles now in use are mainly of the pattern of 1878 and 1884, and are fast becoming unserviceable, the larger portion of them being now totally unfit for target work.

I further recommend that at the earliest practicable date the troops of the Wisconsin National Guard be organized into a brigade.

This change is contemplated by the new military code, has been earnestly recommended by all regular army inspecting officers for years, and regarded by every prominent officer of the Guard as a consummation to be worked for that would bring great benefit to the state organization.

Great improvements have been made at the military reservation near Camp Douglas, chief among which is the water works put in during the past summer, and which, during the phenomenal heat and dust of the last encampment, was of the greatest benefit to the troops. The Quartermaster General will no doubt treat fully of these matters in his report.

### INSPECTIONS.

William L. Buck, First Lieutenant 13th U. S. Infantry, has been on detail with our National Guard during the past two years, as Assistant Inspector General, and has rendered invaluable service. His inspections have been thorough, and his reports have been so minute and exhaustive in detail as to interest every National Guard officer, and they will be studied and compared by them to the advantage of the Guard, long after Lieut. Buck has taken his departure from us. In his painstaking work, and his desire to render every possible assistance, he has won the hearty thanks and good will of every National Guardsman in the state.

During the encampment of 1893, the Secretary of War detailed for service as inspecting officer, Captain Edwin P. Andrus, 5th U. S. Cavalry. Captain Andrus had been on duty with us before, and was heartily welcomed by all who had pre-

### Relief Matters.

viously known him. His work was entirely satisfactory, and an urgent request was sent to the Adjutant General U. S. A. for his detail with us again this year; but he was so far away that the request was denied, and Captain Charles Hobart, 3rd U. S. Infantry, detailed for the purpose. Captain Hobart was a worthy successor to Capt. Andrus, and made hosts of friends by his faithful, conscientious work and genial manners. The encampments have shown a steady increase in the percentage of attendance at camp, and in the efficiency of the different organizations, and much of this increase is due to the high character and qualifications of the regular army officers whom it has been our good fortune to have detailed for instructors and inspecting officers.

It was hoped and expected that we would have in camp the past season a large detachment of regular troops, representing the three arms of the service, but owing to the labor troubles this was prevented. It is believed, however, that if proper steps are taken, a good contingent of regulars may be secured to encamp with our troops next season, and it will be an object lesson of great advantage to our National Guard if it can be brought about.

### RELIEF MATTERS.

During the past two years a portion of our people have suffered disaster—first from the industrial depression, and later from fires.

About December, 1893, the iron miners at Hurley and vicinity were thrown out of work, and were soon in a destitute condition. Your Excellency at once took measures to organize a system of relief which should be adequate and at the same time impartial, and through the assistance of members of your staff, this project was successfully carried out.

During the snmmer of 1894, forest fires destroyed many homes and much property in the northwestern part of the state, and the same system of relief was inaugurated. Supplies were

### Condition of Office Work.

received from all parts of the state, the citizens responding nobly to your call for aid, and none of the unfortunates were allowed to suffer for want of food or clothing, and in many instances they were aided in rebuilding their homes, and in feeding their stock. At the present time practically all have been cared for, yet it is more than likely that some will need further aid this winter. Among the many who were conspicuous in gathering and distributing the necessary supplies, none rendered more signal and efficient service than Colonel William J. Boyle, A. D. C., on your staff. Colonel Boyle was untiring in his efforts to second the plans of your Excellency, and to forward the contributions as they were received, and the amount of work which he performed was really marvelous. Colonel Boyle has the satisfaction of knowing that his work and aid were appreciated by your Excellency, and we are sure it is also appreciated by the people of the state.

### CONDITION OF OFFICE WORK.

Since last report the copy for the new roster of Wisconsin Volunteers has been completed; an alphabetical list of all Wisconsin soldiers in the late war prepared for use of the office, which is of great value and in daily use, and two clerks are now completing an alphabetical index to the hospital records on file in the office, which will also be of great value. This work will be completed by the end of the year, after which no clerks will be necessary except those connected with the routine work of the office, including the pension division.

During the past year facilities for caring for office records and papers have been vastly improved by substituting steel compressing files and roller shelves for the old wooden boxes and shelves in the vault, which had become so crowded and piled up with papers that it was very difficult to find records not in daily use, without much loss of time. Now less than half the boxes hold all important papers, and the expensive record-books can be handled with but a small per cent. of the

### Rifle Practice-Pension Work.

former friction and wear. The permanent improvement noticeable in the whole state building, and made under the direction of your Excellency, is nowhere of greater utility and value than that made in this office.

#### RIFLE PRACTICE.

In the late encampment, under the advice of Lieut. Buck, Colonel and Assistant Inspector General, a programme was adopted which required every member of the Guard to fire upon the range, and this was carried out, only a few being exempted for special reasons. This change had a good effect in bringing to the targets men who to their surprise found that with practice they would make marksmen or sharpshooters, and it will have the further effect of stimulating the interest in rifle practice in the gallery and on the home ranges. Under rules, the attendance, work and target record of each company in camp is now made a part of the grand total of credit, and it is recommended that a suitable trophy be provided by the state to be awarded annually to the company making the highest aggregate score on all markings for company membership, inspections, attendance, camp duties and target practice. Some companies have recently adopted the plan of awarding prizes for team or squad shooting in the armory and on the home range, and this practice is earnestly commended to all company commanders, as one of the best means to arouse interest in target work among the enlisted men. .

### PENSION DIVISION.

The pension work of this department has been for four years in charge of Mr. D. H. Brown, whose devotion to the work and strict attention to the minute and ofttimes trying details o the numerous "calls," "applications," "affidavits," etc., which pertain to it, has been in the highest degree commendable, and has, I believe, been appreciated by the numerous claimants whose interests he has conscientiously endeavored to serve to the best of his ability.

Following is a synopsis of the work done in this division: Total number of claims filed since April 27, 1889 (date of transfer of the duties of the former State Agent for Pensions to the Adjutant General's department), is 2,395. From September 30, 1892 (date of last réport), there have been 232 new claims filed. During the same period notices of allowance have been received in 219 cases, and of rejection in 224 cases. Of the 219 claims allowed, 175 were original and 44 were increase claims; and of the 224 rejected, 87 were original and 137 were claims for increase. The average monthly pension in the original claims allowed is about ten dollars.

In the prosecution of these cases, full copies of the 232 applications have been made and retained for the files of this office, and the originals transmitted to the Bureau of Pensions.

About twelve hundred separate pieces of testimony in support of these claims have been received, examined, copied and forwarded to the bureau, and nearly four thousand letters have been written, copied and mailed.

In addition to the above, about seventy-five pension vouchers have been executed on each quarterly pay day, free of charge, saving to the pensioners in notarial fees during the two years not less than \$150.00.

#### EXPENDITURES.

The following is an itemized statement of all expenditures of the Adjutant General's Department, for the two years ending September 30th, 1894. Those in the Quartermaster General's Department will appear in the Quartermaster Master General's report:

COMPILING WAR RECORDS.	
H. C. Allen	\$1,880 00
Theo. F. Bailering	345 00
Lena Bresee	210 00
F. W. Grumm	460 00
O. S. Holum	845 00
Jos. H. Janda	1,860 00
Gustav A. Kuechle	230 00
Agnes L. Morrissy	770 00
Mary W. Priestley	840 00
Louis Ungrodt	345 00
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### MILITIA.

Appleton Light Infantry, armory fund	\$300 00
Appleton Light Infantry, uniform fund	275 00
D. H. Brown, pension clerk	1,880 00
M. W. Burn 4, pay, W. N. G	7 00
E. S. Burroughs, pay, W. N. G	6 67
Badger State Rifles, armory fund	<b>3</b> 00 00
Budger State Rifles, uniform fund	230 00
Beaver Dam Guards, armory fund	<b>300 00</b>
Beaver Dam Guards, uniform fund	275 00
Beloit City Guards, armory fund	\$300 00
Beloit City Guards, uniform fund	240 00
R. G. Buglas, service on board of survey	8 44
Wm. L. Buck, expenses inspecting W. N. G	505 10
C. L. Clark, military secretary salary	405 47
Fred P. Cook, pay W. N. G	6 67
Custer Rifles, armory fund	<b>800 0</b> 0
Custer Rifles, uniform fund	285 00
Chapman Guards, armory fund	800 00
Chapman Guards, uniform fund	280 00
Capt. P. H. Conley, pay W. N. G	14 00
Jos. B. Doe, adjutant general, salary	2,027 89
Jos. B. Doe, adjutant general, expenses	410 00
Jos. B. Doe, adjutant general, books.	90 00
Jos. B. Doe, adjutant general, publishing notice organization .Co.	
" M," 3d Regt	7 75
Darlington Riflies, armory fund	300 00
Darlington Rifles, uniform fund	280 00
Eau Claire Light Guards, armory fund	300 00
Eau Claire Light Guards, uniform fund	240 00
Evergreen City Guards, armory fund	300 00
Evergreen City Guards, uniform fund	265 00
Harry W. Ellis, labor W. N. G	85 00
Jacob M. Everly, 2d Lieut. Light Horse Squadron, W. N. G	27 12
First Light Battery, extra horse hire	300 00
First Light Battery, armory fund	800 00
First Light Battery, uniform fund	260'00
Fond du Lac Guards, armory fund	800 00
Fond du Lac Guards, uniform fund	825 00
Capt. H. S. Fuller, pay inter-state rifle contest	24 24
J. J. Foley, pay inter-state rifle contest	6 67
Capt. W. J. Grant, pay and sub. Light Horse Squadron, W. N. G.	588 18
Capt. George Graham, pay inter-state rifle contest	30 84
Capt. Wm. A. Grimmer, pay inter-state rifle contest	7 00
James Gibson, pay inter-state rifle contest.	7 00
J. G. Graham, pay inter-state rifle contest	6 67
Capt. W. J. Grant, Light Horse Squadron, expense and transporta-	0 01
tion dedication exercises at World's Fair	247 50
Guppy Guards, armory fund	300 00
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Commercial confidence found	****
Guppy Guards, uniform fund	\$270 00
Griffin Rifles, ar nory fund	300 00
Griffin Rifles, uniform fund.	245 00
Governor's Guards, La Crosse, armory fund	800 00
Governor's Guards, La Crosse, uniform fund	825 00
Governor's Guards, Madison, armory fund	800 00
Governor's Guards, Madison, uniform fund	870 00
Elmer Hamilton, pay inter-state rifle contest	7 66
W. H Hammon, pay inter-state rifle contest	7 00
Hudson City Guards, armory fund	300 00
Hudson City Guards, uniform fund	245 00
Hoard Rifles, armory fund	300 00
Hoard Rifles, uniform fund	270 00
O. R. Jackson, pay inter-state rifle contest	6 67
Janesville Light Infantry, armory fund	800 00
Janesville Light Infantry, uniform fund	230 00
Capt. Geo. H. Joachim, pay and sub. Co. "L," W. N. G., special	
duty	113 79
Capt. J. B. Kerr, inspector W. N. G	238 30
Robt. A. Kane, pay inter state rifle contest	6 67
E. H. Kehr, pay inter-state rifle contest	6 67
Kosciusko Guards, armory fund	800 00
Kosciusko Guards, uniform fund	250 00
Joseph Kalt, subsistence W. N. G., Milwaukee fire	23 10
J. E. Lambert, pay inter state rifle contest	6 67
Light Horse Squadron, armory fund	800 00
Light Horse Squadron, uniform fund	200 00
Ludington Guards, armory fund	300 00
Ludington Guards, uniform fund	250 00
Lincoln Guards, armory fund	800 00
Lincoln Guards, uniform fund.	220 00
W. B. McPherson, Asst. Adjt. Gen'l, salary	1,380 00
W. B. McPherson, engraving marksman's buttons	4 00
Mauitowoc Volunteers, armory fund	800 00
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Manitowoc Volunteers, uniform fund	265 00
Marinette Guards, armory fund	800 00
Marinette Guards, uniform fund	225 00
Mauston Light Guards, armory fund	300 00
Mauston Light Guards, uniform fund	270 00
Monroe City Guards, armory fund	800 00
Monroe City Guards, uniform fund	815 00
John C. Obnsted, pay inter-state rifle contest	19 33
Ole J. Oleson, pay inter-state rifle contest	6 <b>6</b> 7
Oconto Centennial Rifles, armory fund	800 00
Oconto Centennial Rifles, uniform fund	325 00
Oshkosh Rifles, armory fund	300 00
Oshkosh Rifles, uniform fund	290 00
Oshkosh Guards, armory fund	300 00
Oshkosh Guards, uniform fund.	270 00
Chas. M. Parsons, pay inter-state rifle contest	6 67

Pabst Guards, uniform fund		
Pabst Guards, uniform fund	Pabst Guards, armory fund	800 00
F. F. Proudfit, paymaster general 2d Regt. W. N. G		260 00
F. F. Proudfit, paymaster general 3rd Regt. W. N. G. 5,944 90 F. F. Proudfit, paymaster general 4th Regt. W. N. G. 5,944 90 F. F. Proudfit, paymaster general, Light Horse Squadron W. N. G. 307 64 F. F. Proudfit, paymaster general, expenses 415 F. F. Proudfit, paymaster general, expenses 712 65 Capt. Tom J Rogers, pay inter-state rifle contest 700 Racine Light Guards, armory fund 2000 0 Rankin Guards, armory fund 2000 0 Rankin Guards, uniform fund 2000 0 Rankin Guards, uniform fund 2000 0 Rankin Guards, uniform fund 2000 0 Ripon Rifles, armory fund 2000 0 Ripon Rifles, uniform fund 2000 0 Ripon Rifles, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rusk Guards, armory fund 2000 0 Rusk Guards, armory fund 2000 0 Rusk Guards, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rest Guards, uniform fund 2000 0 Rusk Guards, uniform fund 2000 0 Rest Guards, uniform fund 2000 0 Rest Guards, uniform fund 2000 0 Rest Guards, uniform fund 2000 0 Rest Guards, uniform fund 2000 0 Rest Guards, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, uniform fund 2000 0 Rest Rifles, Rifle Rest rifle contest 2000 0 Rest Rifles, Rifles Rest rifle centest 2000 0 Rest Rifles, Rest Rifles, Rest rifle centest 2000 0 Rest Rifles, Rest Rifles, Rest rifle centest 2000 0 Rest Rifles, Rest Rifles, Rest rifle centest 2000 0 Rest Rest Rest Rest Rest Rest Rest Rest	F. F. Proudfit, paymaster general 1st Reg. W. N. G	7,041 52
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Capt. Tom J Rogers, pay inter-state rifle contest         7 00           Racine Light Guards, armory fund         300 0           Racine Light Guards, uniform fund         215 00           Rankin Guards, armory fund         300 00           Rankin Guards, uniform fund         235 00           Ripon Rifles, uniform fund         195 00           Ripon Rifles, uniform fund         300 300           Rusk Guards, uniform fund         300 300           Rusk Guards, uniform fund         300 300           Rusk Guards, uniform fund         300 300           Rusk Guards, uniform fund         300 300           Rusk Guards, uniform fund         16 66           Capt. Tom J. Rogers, services on pay roll list Inf         14 00           First Lieut. John G. Salsman, pay Light Horse Squadron         28 93           C. E Schultz, pay inter-state rifle contest         6 67           Frank A. Sullivan, pay Inter-state rifle contest         19 82           Sparta rifles, armory fund         300 00           Sparta Rifles, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sherman guards, uniform fund         210 00           Sherman Guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67 </td <td></td> <td></td>		
Racine Light Guards, armory fund         200 0           Racine Light Guards, uniform fund         215 00           Rankin Guards, armory fund         300 00           Rankin Guards, uniform fund         235 00           Ripon Rifles, armory fund         300 00           Ripon Rifles, uniform fund         195 00           Rusk Guards, armory fund         300 300           Rusk Guards, uniform fund         385 00           General J. N. Reece, adjt. genl. Illinois N. G., one third share medals         16 66           Capt. Toni J. Rogers, services on pay roll 1st Inf         14 00           First Lieut. John G. Salsman, pay Light Horse Squadron         28 93           C. E Schultz, pay inter-state rifle contest         6 67           Frank A. Sullivan, pay Inter-state rifle contest         19 32           Sparta Rifles, uniform fund         210 00           Sparta Rifles, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sheridan Guards, uniform fund         210 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         300 00           Chas. R. Williams, sub. and pay inter-state rifle contest         15 38	, , , , , , , , , , , , , , , , , , , ,	7 00
Racine Light Guards, uniform fund         215 00           Rankin Guards, armory fund         300 00           Rankin Guards, uniform fund         255 00           Ripon Rifles, armory fund         300 00           Ripon Rifles, uniform fund         900 00           Rusk Guards, armory fund         300 300           Rusk Guards, uniform fund         835 00           General J. N. Reece, adjt. genl. Illinois N. G., one third share medals         16 66           Capt, Tom J. Rogers, services on pay roll 1st Inf         14 00           First Lieut. John G. Salsman, pay Light Horse Squadron         28 93           C. E Schultz, pay inter-state rifle contest         6 67           Frank A. Sullivan, pay inter-state rifle contest         19 52           Sparta rifles, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sheridan Guards, uniform fund         210 00           Sheridan Guards, uniform fund         290 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, uniform fund         200 00           Chas. R. Williams, sub, and pay inter-state rifle contest         153 82           W. F. Winsor, pay inter-state rifle centest         8 32	- · · · · · · · · · · · · · · · · · · ·	800.0
Rankin Guards, uniform fund       235 00         Rankin Guards, uniform fund       235 00         Ripon Rifies, armory fund       300 00         Ripon Rifies, uniform fund       195 00         Rusk Guards, armory fund       300200         Rusk Guards, uniform fund       300200         Rusk Guards, uniform fund       300200         Rusk Guards, uniform fund       300 00         General J. N. Reece, adjt. geni. Illinois N. G., one third share medals       16 66         Capt. Toni J. Rogers, services on pay roll 1st. Inf       14 00         First Lieut. John G. Salsman, pay Light Horse Squadron       28 93         C. E. Schultz, pay inter-state rifle contest       6 67         Frank A. Sullivan, pay inter-state rifle contest       19 82         Sparta Rifles, uniform fund       210 00         Sparta Rifles, uniform fund       210 00         Sheridan Guards, uniform fund       210 00         Sheridan Guards, uniform fund       290 00         Sherman guards, uniform fund       290 00         Chas. H. Tucker, pay inter-state rifle contest       6 67         Tomah Guards, armory fund       300 00         Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 83 <tr< td=""><td>· · · · · · · · · · · · · · · · · · ·</td><td>215 00</td></tr<>	· · · · · · · · · · · · · · · · · · ·	215 00
Rankin Guards, uniform fund       235 00         Ripon Rifles, armory fund       300 00         Ripon Rifles, uniform fund       195 00         Rusk Guards, armory fund       300300         Rusk Guards, uniform fund       385 00         General J. N. Reece, adjt. genl. Illinois N. G., one third share medals       6         Capt. Tom J. Rogers, services on pay roll 1st Inf       14 60         First Lieut. John G. Salsman, pay Light Horse Squadron       28 93         C. E Schultz, pay inter-state rifle contest       6 67         Frank A. Sullivan, pay inter-state rifle contest       19 32         Sparta Rifles, uniform fund       200 00         Sparta Rifles, uniform fund       210 00         Sheridan Guards, armory fund       300 00         Sheridan Guards, armory fund       300 00         Sherman guards, uniform fund       290 00         Chas. H. Tucker, pay inter-state rifle contest       6 67         Tomah Guards, armory fund       300 00         Tomah Guards, uniform fund       240 00         C. J. Van Etta, pay inter-state rifle contest       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       18 82         W. F. Winsor, pay inter-state rifle centest       8 83         Wausau Light Guards, uniform fund       300 00<	•	
Ripon Rifles, armory fund	· · · · · · · · · · · · · · · · · · ·	
Ripon Riffes, uniform fund       195 00         Rusk Guards, armory fund       300300         Rusk Guards, uniform fund       825 00         General J. N. Reese, adjt. geni. Illinois N. G., one third share medals       16 66         Capt, Tom J. Rogers, services on pay roll ist Inf       14 00         First Lieut. John G. Salsman, pay Light Horse Squadron       28 93         C. E. Schultz, pay inter-state rifle contest       6 67         Frank A. Sullivan, pay inter-state rifle contest       19 82         Sparta rifles, armory fund       300 00         Sparta Rifles, uniform fund       210 00         Sheridan Guards, armory fund       300 00         Sheridan Guards, uniform fund       210 00         Sherman guards, uniform fund       290 00         Chas. H. Tucker, pay inter-state rifle contest       6 67         Tomah Guards, armory fund       300 00         C. J. Van Etta, pay inter-state rifle contest       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 33         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G       26 52         Capt. Oscar B. Zwietusch, pay inter-		
Rusk Guards, armory fund       300200         Rusk Guards, uniform fund       385 00         General J. N. Reece, adjt. geni. Illinois N. G., one third share medals       16 66         Capt, Tom J. Rogers, services on pay roll ist Inf       14 00         First Lieut. John G. Salsman, pay Light Horse Squadron       28 93         C. E. Schultz, pay inter-state rifie contest       6 67         Frank A. Sullivan, pay inter-state rifie contest       19 30         Sparta rifies, uniform fund       200 00         Sheridan Guards, armory fund       300 00         Sheridan Guards, uniform fund       210 00         Sherman guards, uniform fund       290 00         Chas. H. Tucker, pay inter-state rific contest       6 67         Tomah Guards, armory fund       300 00         Chas. H. Tucker, pay inter-state rific contest       7 00         Condards, uniform fund       200 00         Condards, uniform fund       300 00         Column Guards, uniform fund       300 00         Column Guards, uniform fund       300 00         Column Guards, uniform fund       300 00         Column Guards, uniform fund       300 00         Column Guards, uniform fund       300 00         Column Guards, uniform fund       300 00         Wausau Light Guards,	•	
Rusk Guards, uniform fund       835 00         General J. N. Reece, adjt. geni. Illinois N. G., one third share medals       16 66         Capt. Tom J. Rogers, services on pay roll ist Inf       14 00         First Lieut. John G. Salsman, pay Light Horse Squadron       28 93         C. E. Schultz, pay inter-state rifle contest.       6 67         Frank A. Sullivan, pay inter-state rifle contest.       19 32         Sparta rifl-s, armory fund       300 00         Sparta Rifles, uniform fund       210 00         Sheridan Guards, armory fund       300 00         Sherman Guards, uniform fund       210 00         Sherman guards, uniform fund       290 00         Chas. H. Tucker, pay inter-state rifle contest       6 67         Tomah Guards, uniform fund       240 00         Tomah Guards, uniform fund       240 00         Tomah Guards, uniform fund       240 00         Tomah Guards, uniform fund       240 00         Tomah Guards, uniform fund       240 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 33         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. R. Whiting, labor W. N. G       26 52<	-	
General J. N. Reece, adjt. genl. Illinois N. G., one third share medals         16 66           Capt. Tom J. Rogers, services on pay roll ist Inf         14 00           First Lieut. John G. Salsman, pay Light Horse Squadron         28 98           C. E. Schultz, pay inter-state rifle contest         6 67           Frank A. Sullivan, pay inter-state rifle contest         19 32           Sparta rifles, armory fund         200 00           Sparta Rifles, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sheridan Guards, uniform fund         210 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         300 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifle contest         240 00           C. J. Van Etta, pay inter-state rifle contest         18 82           W. F. Winsor, pay inter-state rifle centest         8 33           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G.         26 52           Gurdon H. Winsor, inspecting W. N. G.         25 52           Capt. Oscar B. Zwietusch, pay inter-state rifle con	· · · · · · · · · · · · · · · · · · ·	-
Capt, Tom J. Rogers, services on pay roll ist Inf       14 00         First Lieut. John G. Salsman, pay Light Horse Squadron       28 93         C. E. Schultz, pay inter-state rifle contest       6 67         Frank A. Sullivan, pay inter-state rifle contest       19 32         Sparta riffes, armory fund       300 00         Sparta Rifles, uniform fund       210 00         Sheridan Guards, armory fund       300 00         Sheridan Guards, armory fund       200 00         Sherman guards, armory fund       290 00         Chas. H. Tucker, pay inter-state rifle contest       6 67         Tomah Guards, uniform fund       240 00         C. J. Van Etta, pay inter-state rifle contest       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 83         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G       26 52         Capt. Oscar B Zwietusch, pay inter-state rifle contest       \$7 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       \$1 78         Fair       21 78         Printing       525		
First Lieut. John G. Salsman, pay Light Horse Squadron         28 93           C. E Schultz, pay inter-state rifle contest         6 67           Frank A. Sullivan, pay inter-state rifle contest         19 82           Sparta rifles, armory fund         300 00           Sparta Rifles, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sheridan Guards, armory fund         210 00           Sherman guards, armory fund         290 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         300 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifle contest         7 00           Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest         153 82           W. F. Winsor, pay inter-state rifle centest         8 83           Wausau Light Guards, uniform fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G.         26 52           Gurdon H. Winsor, inspecting W. N. G         26 52           Capt. Oscar B Zwietusch, pay inter-state rifle contest         7 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's		
C. E Schultz, pay inter-state rifle contest.       6 67         Frank A. Sullivan, pay inter-state rifle contest.       19 32         Sparta rifl-s, armory fund.       300 00         Sparta Rifles, uniform fund       210 00         Sheridan Guards, armory fund       300 00         Sheridan Guards, uniform fund       210 00         Sherman Guards, uniform fund       290 00         Chas. H. Tucker, pay inter-state rifle contest       6 67         Tomah Guards, armory fund       300 00         Tomah Guards, uniform fund       240 00         C. J. Van Etta, pay inter-state rifle contest       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 32         W. F. Winsor, pay inter-state rifle centest       8 83         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G       26 52         Capt. Oscar B. Zwietusch, pay inter-state rifle contest       7 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       71 78         Printing       525 00         Postage       288 00         Telegrams       17 25		
Frank A. Sullivan, pay inter-state rifie contest         19 82           Sparta rifi-s, armory fund         300 00           Sparta Rifies, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sheridan Guards, uniform fund         210 00           Sherman Guards, armory fund         300 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifie contest         67           Tomah Guards, armory fund         300 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifie contest         7 00           Lieut. Chas. R. Williams, sub. and pay inter-state rifie contest         153 32           W. F. Winsor, pay inter-state rifie centest         8 83           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G         26 52           Gurdon H. Winsor, inspecting W. N. G         26 52           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         7 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         7 17           Printing         525 00           Postage         288 00           Telegrams <t< td=""><td></td><td></td></t<>		
Sparta rifi*s, armory fund         300 00           Sparta Rifles, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sheridan Guards, uniform fund         210 00           Sherman Guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         300 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifle contest         7 00           Lieut. ('has. R. Williams, sub. and pay inter-state rifle contest         153 82           W. F. Winsor, pay inter-state rifle centest         8 83           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G         26 52           Gurdon H. Winsor, inspecting W. N. G         26 52           Capt. Oscar B. Zwietusch, pay inter-state rifle contest         27 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         Fair         21 78           Printing         525 00           Postage         288 00           Telegrams         17 25	· • •	
Sparta Rifles, uniform fund         210 00           Sheridan Guards, armory fund         300 00           Sheridan Guards, uniform fund         210 00           Sherman Guards, armory fund         300 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         300 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifle contest         7 00           Lieut. ('has. R. Williams, sub. and pay inter-state rifle contest         153 82           W. F. Winsor, pay inter-state rifle centest         8 33           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G         26 52           Gurdon H. Winsor, inspecting W. N. G         252 96           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         7 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         21 78           Printing         825 00           Postage         288 00           Telegrams         17 25	· • •	
Sheridan Guards, armory fund         300 00           Sheridan Guards, uniform fund         210 00           Sherman Guards, armory fund         300 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         240 00           C. J. Van Etta, pay inter-state rifle contest         7 00           Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest         153 82           W. F. Winsor, pay inter-state rifle centest         8 33           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G         26 52           Gurdon H. Winsor, inspecting W. N. G         252 96           Capt. Oscar B. Zwietusch, pay inter-state rifle contest         27 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         Fair         21 78           Printing         825 00           Postage         288 00           Telegrams         17 25		
Sheridan Guards, uniform fund       210 00         Sherman Guards, armory fund       300 00         Sherman guards, uniform fund       290 00         Chas. H. Tucker, pay inter-state rific contest       6 67         Tomah Guards, armory fund       300 00         Tomah Guards, uniform fund       240 00         C. J. Van Etta, pay inter-state rific contest       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rific contest       183 82         W. F. Winsor, pay inter-state rific centest       8 83         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G       262 96         Capt. Oscar B. Zwietusch, pay inter-state rific contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Printing       825 00         Postage       288 00         Telegrams       17 25		
Sherman Guards, armory fund         300 00           Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         200 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifle contest         7 00           Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest         153 82           W. F. Winsor, pay inter-state rifle centest         8 83           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G.         26 52           Gurdon H. Winsor, inspecting W. N. G         262 96           Capt. Oscar B. Zwietusch, pay inter-state rifle contest         27 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         21 78           Printing         825 00           Postage         288 00           Telegrams         17 25		
Sherman guards, uniform fund         290 00           Chas. H. Tucker, pay inter-state rifle contest         6 67           Tomah Guards, armory fund         300 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifle contest         7 00           Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest         153 82           W. F. Winsor, pay inter-state rifle centest         8 33           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G.         26 52           Gurdon H. Winsor, inspecting W. N. G         252 96           Capt. Oscar B. Zwietusch, pay inter-state rifle contest         27 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         21 78           Printing         525 00           Postage         288 00           Telegrams         17 25		
Chas. H. Tucker, pay inter-state rifle contest       6 67         Tomah Guards, armory fund.       300 00         Tomah Guards, uniform fund.       240 00         C. J. Van Etta, pay inter-state rifle contest.       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 83         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       255 56         Gurdon H. Winsor, inspecting W. N. G       252 96         Capt. Oscar B. Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Printing       525 00         Postage       288 00         Telegrams       17 25		
Tomah Guards, armory fund         300 00           Tomah Guards, uniform fund         240 00           C. J. Van Etta, pay inter-state rifie contest         7 00           Lieut. ('has. R. Williams, sub. and pay inter-state rifie contest         153 82           W. F. Winsor, pay inter-state rifie centest         8 83           Wausau Light Guards, armory fund         300 00           Wausau Light Guards, uniform fund         310 00           J. B. Whiting, labor W. N. G.         26 52           Gurdon H. Winsor, inspecting W. N. G         262 96           Capt. Oscar B Zwietusch, pay inter-state rific contest         27 18           Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's         21 78           Printing         525 00           Postage         288 00           Telegrams         17 25		
Tomah Guards, uniform fund.       240 00         C. J. Van Etta, pay inter-state rifle contest.       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 83         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G       262 96         Capt. Oscar B Zwietusch, pay inter-state rifle contest       7 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Fair       21 78         Printing       525 00         Postage       288 00         Telegrams,       17 25	· • •	
C. J. Van Etta, pay inter-state rifle contest       7 00         Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 83         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G       252 96         Capt. Oscar B Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's Fair       21 78         Printing       525 00         Postage       288 00         Telegrams       17 25		
Lieut. Chas. R. Williams, sub. and pay inter-state rifle contest       153 82         W. F. Winsor, pay inter-state rifle centest       8 83         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G       252 96         Capt. Oscar B Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's Fair       21 78         Printing       525 00         Postage       288 00         Telegrams,       17 25		
W. F. Winsor, pay inter-state rifle centest       8 33         Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       310 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G.       252 96         Capt. Oscar B Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's Fair       21 78         Printing       525 00         Postage       288 00         Telegrams,       17 25	• •	
Wausau Light Guards, armory fund       300 00         Wausau Light Guards, uniform fund       810 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G.       252 96         Capt. Oscar B Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises       World's         Fair       21 78         Printing       525 00         Postage       288 00         Telegrams,       17 25		
Wausau Light Guards, uniform fund.       \$10 00         J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G.       252 96         Capt. Oscar B Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Fair       21 78         Printing       525 00         Postage       288 00         Telegrams       17 25		
J. B. Whiting, labor W. N. G.       26 52         Gurdon H. Winsor, inspecting W. N. G.       252 96         Capt. Oscar B. Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Fair.       21 78         Printing       525 00         Postage       288 00         Telegrams,       17 25		
Gurdon H. Winsor, inspecting W. N. G       252 96         Capt. Oscar B Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Fair       22 78         Printing       525 00         Postage       288 00         Telegrams       17 25		
Capt. Oscar B Zwietusch, pay inter-state rifle contest       27 18         Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Fair       525 00         Printing       528 00         Postage       288 00         Telegrams       17 25		
Capt. Oscar B. Zwietusch, expenses dedicatory exercises World's       21 78         Fair       21 78         Printing       525 00         Postage       288 00         Telegrams,       17 25		
Fair       21 78         Printing       525 00         Postage       288 00         Telegrams       17 25	•	Xi 18
Printing         525 00           Postage         288 00           Telegrams         17 25		a. 60
Postage		
Telegrams, 17 25	_	
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# ${\it Expenditures}.$

<b></b>	A240 00
Printing	\$ <del>2</del> 10 02
Postage	255 09
Telegrams	490 00
Expressage	31 66
D. H. Brown, pension clerk	1,380 00
W. L. Buck, expenses inspection W. N. G	497 20
P. H. Conley, services	3 00
Co. "A," 1st Regt., uniform fund	270 ປ0
Co. "A," 1st Regt., armory fund	800 00
Co. "L," 2d Regt., uniform fund	185 00
Co. "L," 2d Regt., armory fund	300 00
Clarence L. Clark, military secretary	33 00
Co. "B," 1st Regt., uniform fund	265 00
Co. "B," 1st Regt., armory fund	800 00
Co. "C," 1st Regt., uniform fund	275 00
Co. "C," 1st Regt., armory fund	300 00
Co. "E," 1st Regt., uniform fund	275 00
Co. "E," 1st Regt., armory fund	800 00
Co. "F," 1st Regt., uniform fund	230 00
Co. "F," 1st Regt., armory fund	400 00
Co. "H," 1st Regt., uniform fund	270 09
Co. "H," 1st Regt., armory fund	800 00
Co. "I," 1st Regt., uniform fund	286 00
Co. "I," 1st Regt., armory fund	300 00 260 00
Co. "K," 1st Regt., uniform fund	800 00
Co. "K," 1st Regt., armory fund	260 00
Co. "B," 2d Regt., uniform fund	400 <b>0</b> 0
Co. "B," 2d Regt., armory fund	265 00
Co. "C," 2d Regt., uniform fund	200 00 800 00
Co. "C," 2d Regt., armory fund	200 00
Co. "D." 2d Regt., uniform fund	200 00
Co. "D," 2d Regt., armory fund.	
Co. "E," 2d Regt, uniform fund	295 00
Co. "E," 2d Regt., armory fun1	<b>3</b> 00 00
Co. "F," 2d Regt., uniform fund	250 00
Co. "F," 2d Regt., armory fund	400 00
Co. "G," 2d Regt., uniform fund	275 00 300 00
Co. "H," 2d Regt., armory fund	
Co. "H," 2d Regt., uniform fund	250 00 800 00
Co. "H," 2d Regt., armory fund.	320 00
Co. "I," 2d Regt., uniform fund	300 00
Co. "I," 2d Regt., armory fund	305 00
Co. "K," 2d Regt., uniform fund	300 00
Co. "K," 2d Regt., armory fund	325 00
Co. "M," 2d Regt., uniform fund	300 00
Co. "M." 2d Regt., armory fund	
Co. "A," 8d Regt., uniform fund	290 00
Co. "A," 8d Regt., armory furd	800 00 315 00
Co. "B," 8d Regt., uniform fund	400 00
Co. "B," 8d Regt., armory fund	
Co. "C," 8d Regt., uniform fund	800 00

Co. "C," 8d Regt., armory fund	<b>\$300 00</b>
Co. "D," 8d Regt., uinform fund	240 00
Co. "D," 8d Regt., armory fund	800 00
Co. "E," 8d Regt., uniform fund	290 00
Co. "E." 8d Regt., armory fund	300 00
Co. "F," 8d Regt., uniform fund	245 00
Co. "F," 8d Regt., armory fund	800 00
Co. "G," 8d Regt, uniform fund	270 00
Co. "G," 3d Regt., armory fund	800 00
Co. "H," 3d Regt., uniform fund	<b>265</b> 00
Co. "H," 3d Regt., armory fund	<b>800 00</b>
Co. "I," 3d Regt., uniform fund	260 00
Co. "L" 8d Regt., armory fund	800 00
Co. "K," 8d Regt., uniform fund	240 00
Co. "K," 8d Regt., armory fund	800 00
Co. "L," 8rd Regt., uniform fund	240 00
Co. "L," 3rd Regt , armory fund	800 00
Co. "M," 8rd Regt., uniform fund	295 00
Co. "M," 8rd Regt., armory fund	400 00
Co. "A," 4th Regt., uniform fund	230 00
Co. "A," 4th Regt., armory fund	500 00
Co. "B," 4th Regt., uniform fund	325 00
Co. "B." 4th Regt., armory fund	500 00
Co. "C," 4th Regt., uniform fund	285 00
Co. "C," 4th Regt., armory fund.	500 00
Co. "D," 4th Regt, uniform fund	245 00
Co. "D," 4th Regt, armory fund	500 00
Co. "E," 4th Regt uniform fund	240 00
Co. "E," 4th Regt., armory fuud	500 00
Co. "F," 4th Regt, uniform fund	255 00
Co. "F," 4th Regt., armory fund	500 00
Co. "G," 4th Regt., uniform fund	260 00
Co. "G," 4th Regt., armory fund	500 00
Co. "H," 4th Regt., uniform fund	210 00
Co, "H," 4th Regt., armory fund	500 00
Joseph B. Doe, salary adjutant general	416 50
Joseph B. Doe, expenses adjutant general	79 20
1st Light Battery, uniform fund	275 00
1st Light Battery, armory fund	800 00
1st Light Battery, special duty in 1893.	800 00
Otto H. Falk, salary adjutant general	1,416 58
Otto H Falk, expenses adjutant general	201 71
Col. A. F. Caldwell, expenses Regtl. Hdqrs	100 00
Col. G. H. Windsor, Insp. small arm practice	299 41
Geo. H. Joachim, service at Racine	28 45
John J. Lynch, service at Racine	11 84
Horace M. Seaman, services at Racine	18 08
Edward I. Slupecki, services at Racine	16 44
Light Horse Squadron, armory fund	800 00
Light Horse Squadron, uniform fund.	220 00
Light Horse Squadron, expenses, 1898.	800 00
W. B. McPherson, Asst. Adjt. Gen'l, salary	1,880 00
w. D. Bici heison, Asso. Aujs. Gen i, Saiary	1,000 00

W. B. McPherson, Asst. Adjt. Gen'l, expenses	<b>\$</b> 7 00	
Col. Martin T. Moore, expenses	100 00	
George P. Mathes, military secretary	867 00	
Dr. T. D. Nicoll, services W. N. G	15 00	
Non-Com staff and band 1st Regt., W. N. G	100 00	
Non-Com. staff and band 2d Regt., W. N. G	145 00	
Non-Com. staff and band 8d Regt., W. N. G	110 00	
Non-Com. staff and band 4th Regt., W. N. G	115 00	
F. F. Proudfit, paymaster general, W. N. G., subsistence and ex-	•	
pense rifle team	969 68	
F. F. Proudfit, paymaster general, subsistence and expense, 1st		
Regt., W. N. G	7,711 55	
F. F. Proudfit, paymaster general, subsistence and expense, 2d		
Regt , W. N. G	10,830 61	
F. F. Proudfit, paymaster general, subsistence and expense, 3d		
Regt., W. N. G	10,974 76	
F. F. Proudfit, paymaster general, subsistence and expense. 4th		
Regt., W. N. G	6, 146 29	
F. F. Proudfit, paymaster general, subsistence and expense, 12t Cav-		
alry, W. N. G	498 64	
F. F Proudfit, paymaster general, subsistence and expense, 1st Light		
Artillery, W. N. G	826 80	
F. F Proudfit, paymaster general, subsistence and expense, rific		
competition	1,209 12	
F. F. Proudfit paymaster general, expenses	9 80	
W H. Patton, expenses	100 00	
Capt Jos B. Whiting, Instructor W N. G	15 68	
Capt. J. M Bal ard, Co. "E" (Eau Claire strike)	345 26	
Lieut. Samuel P. Crabbe (Eau Claire strike)	12 66	
Lieut. Thomas F. Cochrane (Eau Claire strike)	18 56	
Lieut. Charles J. McDowell (Eau Claire strike)	18 56	
Capt. Louis O. Haugen (Eau Claire strike)	840 26	
Capt. C. F. King (Eau Claire strike)	15 89	
Lieut. Otto H. Kitzman (Eau Claire strike)	13 56	
Capt. Edward H. Grannis (Eau Claire strike)	19 28	
Lieut. Anton Magnuson (Eau Claire strike)	12 66	
Capt. George J Nash (Eau Claire strike)	298 23	
Lieut Hyram E Nye (Eau Claire strike)	12 66	
Col. M T. Moore (Eau Claire strike)	82 56	
Lieut. John C. Ohnstad (Eau Claire strike)	18 56	
Capt Christopher Schlosser (Eau Claire strike)	304 25	
Lieut. Peter Schlosser (Eau Claire strike)	12 66	
Capt, Orlando Holway (Eau Claire strike)	26 82	
Major Julius E. Kircheis (Eau Claire strike)	85 60	
Mary W. Priestly, National Guard clerk	840 00	
Agnes L. Morrissy, stenographer	910 00	
D. H. Brown, p-nsion clerk	1,890 00	
H. C. Allen, compiling war records	1,380 00	
J. H. Janda, compiling war records	1,380 00	
Total for 1×94		\$80,942
Total for 1893 and 1894		\$153, 787

# Organization and Enrollment.

Following is the present organization and enrollment of the Wisconsin National Guard:

·	Com- mis- sloned Offi cers.	En- listed Men.	Total.
General Staff.	15		15
Medical Staff	16		16
FIRST INFANTRY.		]	
Field and Staff	9	i	9
Non-commissioned Staff		5	5
Band		26	26
Company "A,"Janesville	8	58	56
Company "B," Ft. Atkinson	8	54	57
Company "C," Whitewater	3	59	. · 62
Company "D," Darlington	8	56	59
Company " E," Beloit	8	57	60
Company "F," Racine.	. 8	66	69
Company "G," Madison	8	65	68
Company "H," Monroe	8	51	54
	33	492	525
Second Infantry	====	====	====
Field and Staff	9	i	9
Non commissioned Staff		5	5
Band		24	24
Company "A," Marshfield	8	54	57
Company "B," Oshkosh	8	62	65
Company "C," Sheboygan	3	60	63
Company "D," Ripon	3	48	51
Company "E," Fond du Lac	8	56	59
Company "F," Oshkosh	8	62	65
Company "G," Appleton	8	56	59
Company "H," Manitowoe	3	57	60
Company "I," Marinette		58	61
Company " K," Beaver Dam	8	62	65
	i		52
Company "I.," Ashland	3	49	56
Company " I.," Ashland	3 8	64	67

# Organization and Enrollment.

	Com- mis- sioned Offi- cers.	En- listed Men	Total.
THIRD INPANTRY.			
Field and Staff	8	ļ	5
Non-commissioned Staff		. 4	4
Band		24	24
Company "A," Neillsville	8	65	66
Company "B," La Crosse	3	53	56
Company "C," Hadson	3	50	53
Company "D," Mauston	2	51	53
Company "E," Eau Claire	8	64	67
Company "F," Portage	a	54	57
Company "G," Wausau	3	56	59
Company "H." Menomonie	3	60	ଷ
Company "I," Sparta	3	48	51
Company "K," Tomah	3	51	34
Company "L," Eau Claire	3	52	35
Company "M," La Crosse	8	58	61
	43	690	733
FOURTH INFANTRY.		==+==	===
Field and Staff	8		8
Non-commissioned Staff		4	4
Band		24	94
Company "A," Milwaukee	3	53	56
Company "B," Milwaukee	1	66	67
Company "C," Milwaukee	2	53	55
Company "D," Milwaukee	8	48	. 31
Company "E," Milwaukee	8	46	6
Company "F," Milwaukee	2	58	<b>.</b>
Company "G," Milwaukee	8	61	64
Company " H," Milwaukee	8	49	32
•	29	163	190
,		====	
Troop "A" First Cavairy	3	48	81
=	8	48	
Battery "A" First Light Artillery	4	57	€:
•		57	6!
=			===

#### Acknowledgments.

#### CONCLUSION.

In conclusion I desire to tender my hearty thanks for the kind indulgence and cordial co-operation of your Excellency on all occasions.

Whatever of success has been attained in the administration of the affairs of my office, is largely due to the hearty good will, harmony and confidence which has existed between the Commander-in-Chief, the Quartermaster General and the Adjutant General, in their military plans and work.

To Quartermaster General Auer and his able assistants, as also to Col. Mathes, your Excellency's efficient military secretary, I am indebted for unvarying courtesy and valuable aid.

The duties of Assistant Adjutant General have been most creditably performed by Major Wm. B. McPherson. He has been faithful, conscientious and reliable in the discharge of every duty, and I express with much pleasure my appreciation of his worth as an officer.

The prompt and faithful performance of their several duties by the clerks in my office, merits my highest commendation, and my successor will be fortunate indeed, if he may call to his aid a corps of assistants as capable and trustworthy as these Respectfully submitted,

OTTO H. FALK,

Adjutant General.

Following is an extract from the inspection report of Assistant Inspector General William L. Buck, for the past year. The tables and comparisons given are so comprehensive, and at the same time so full of valuable information and suggestions, that it will be of interest to every one connected with our military organization, and is well worthy of careful study by every National Guard officer.

#### ANALYSIS.

On the nights of inspection there were shown to be as follows:

Total Strength.	Regiment.	Present.	Per Cent.	Absent.	With Leave.	Without Leave.
449	First Infantry	432	96	17	5	12
697	Second Infantry	610	95	27	25	2
6/7	Third Infantry	658	97	19	18	1
4:0	Fourth Infantry	868	90	42	17	25
2, 233	Total	2,128	95	105	. 65	4,

The per cent. present is Very good, being best in the Third and Worst in the Fourth Infantry, viz.: 97 per cent. and 90 per cent. respectively. The number of men absent without leave in the Fourth (most of them in one company) shows a bad state of discipline which should be corrected, and the exceedingly small number in the Third and Second Infantry deserves especial commendation. Of the absences in the Third Regiment more than half were from one company. This should be looked after, and a proper remedy applied. In the First Infantry, there is also one company to which the same remark applies.

On July 1st, 1893-94, the rosters of the W. N. G. show for those dates the following strength:

Report	of	Inspection.
--------	----	-------------

Organization.	1894.	1893.	Gains.	Losses.
General s'aff	17	17	[	
First Regiment, staff and band	485	515		80
Second Regiment, staff and band	723	683	40	<b> </b>
Third Regiment, staff and band	728	717	. 6	
Fourth Regiment	479	464	15	Ì
Totals	2,427	2,396	61	30
Troop A	58	57	1	ļ
Light Battery A	56	68		7
Aggregate	2,541	2,516	62	87

Showing a net gain for July 1st, 1894, of 25 men, and in the infantry alone a gain of 31 men during the year.

For the four regiments of infantry, including only the forty companies with their respective officers, the following results are given from data gathered at the annual inspection of the companies:

ATTENDANCE.

	·Total	Present in	Per Cent. Present.	ABSENT.					
Year.	Strength	Uniform.		With Leave.	Without Leave.	Total.			
1894	2, 233	2, 128	95	. 65	40	105			
1898	2,314	2, 116	91	120	78	198			
Gains	- 81	+ 12	+ 4	+ 55	+ 88	+ 98			

Showing a very commendable improvement during the year, since the absences are only about one half those of the preceding year, and although the total strength is less by 81, the number actually present is greater by 12. These facts prove the wisdom of getting rid of undesirable men by dishonorable discharges.

The details of inspections of the several companies are given in the table issued in orders from your office.

The two succeeding tables show interesting data respecting the regiments and battalions as such:

# DETAILS OF INSPECTION BY REGIMENTS.

	REGIMENTS OF INFANTRY.			
	First.	Second.	Third.	Fourth.
Attendance (max. 20).			9	
Present in Complete uniform	482	670	668	368
Absent	17	27	19	42
Fotal strength of regiment	449	697	677	4:0
Absent with leave	×	25	3 18	11
Absent without leave	2 14	2	1 1	a:
Per cent, present in uniform.	2 96,2	96.1	1 97.2	4 89.8
Total score received for attendance	19.22	19 20	1 19.44	18 (
Inspection (max, 70).				
Ceremony of inspection	и. 28	8,56	3 H.87	1 9
Condition of arms	8.78	9,25	3 8.96	1 9
Condition of equipments	9 38	9.72	9 29	2 9
Condition of uniforms	9.56	9,42	9.79	9
Condition of books and papers	H.85	9.29	9,43	1 9.
Condition of armory	H 56	9.68	9.25	1
	9.11	9 68	3	,9
Care of state property (max. value of each 10)	4	2 1	9,46	9. 1
Total score received for inspection	6z.46	63 60	61.54	66
Drill (max. value 70).	4	3	3	1
School of the soldier	.7.94	8.19	8,29	,8.
Manual of arms	7.67	8.19 1	8.81 3	8. 4
Firings	₩.81 4	8.94	8 659 P	<b>.</b> 3
Movements by fours	7.03 3	8.37	7.49 2	٦
Movements by platoons	7.06 3	8.17	7.38	. ₄ 6.
Movements by company	7.88 3	8.52	¥ 59	٠٠٠,
Extended order drill (max. value of each 10),	7.06	7.78	7.23	₄ 6.
Total score for drill	28.45	88.11	55.81	53
Efficiency of officers (max. value 20).		, i		
Duties of captains	# 38	9.09	8.99	.8.9
Duties of lieutenants (max value of each 10)	× 95	8.64	8.81	6.
Total score received for efficiency	16 8.	17.78	17 50	17.4
Military courtesy and discipline (max. value 20).		.		1
Military courtesy	Ř.78	× 65	8 00	8.5
General discipline	7 61	8.45	7.92	7.3
Total received for courtesy and discipline	16.34	17 10	15.92	16.
Aggregate score received for the annual company			,	
inspection	167.80	177.74	178 21	14

Sma.l figures above the others show the order of the regiment in that detail of the inspection.

The Second Regiment is the largest and the Fourth the smallest and the First had the least in number absent while the Fourth had the greatest number of absentees. cent. present the Third stands first and the Fourth last. In ceremony of inspection the Fourth is the best and the First is worst - as also in the condition of arms. The equipments were cleanest in the Second and least so in the Third. The uniforms were best in the Third and worst in the Fourth, while in condition of books and papers the Fourth stands first and the First last, and they have the same relative positions in condition of armory. In care of state property the Second is best and the First is worst, while on inspection as a whole the Fourth is at the top, and the First at the bottom. In the school of the soldier the Fourth is first and the First is fourth, while in the manual of arms the Third is first and the Fourth is last. In firings the Second excels, while the Fourth is poorest. The Second is also best in movements by fours, while the First is the worst in that respect. In movements by platoons and company and in extended order drill the Second stands one with the Fourth the poorest in these respects, from which it naturally follows that on the drill as a whole the Second is the best and the Fourth the worst of the regiments. The duties of captains and lieutenants are best performed in the Second and worst in the First, and the relative standing in drills is but a reflection of, and natural consequence of, the efficiency of the officers. In military courtesy the Fourth is best as a whole, while the Third Regiment is most deficient in that regard. general discipline the Second is best (naturally following from the standing of its company officers), while the First is worst. On the total score for courtesy and discipline the Second stands first and the Third last. On all the points of the company annual inspection the Second stands first and the First last, as they do also in efficiency of officers. Since 1893 the changes in

order in the different details can be seen by comparing this table with the one (on page 76, 13th Annual Convention of officers W. N. G.) given in my report for 1893. From which it will be noted that the First, Third and Fourth in total strength are less than last year, while the Second is larger. In the number of men present at inspection there is a loss for the First and Fourth but a gain for the Second and Third Regiments. is a very creditable gain in all regiments except the Fourth. which loses in the per cent. present at inspection. In absences with leave there are creditable gains in all in the small numbers reported absent, but the improvement is most marked in the Third and Second Regiments, and least in the Fourth, as is also the creditable score for improvement in absences without In attendance the score shows gains in all but the Fourth Regiment. In ceremony of inspection there is a loss for all regiments compared with last year, while in the condition of the rifles, equipments and uniforms, there is a very marked improvement in each of them for all the regiments. In condition of books and papers the First and Fourth have not done so well as last year, while the Second and Third have improved in that respect. The armories were cleaner this year than last in all the reegiments except the First, which shows a loss. the school of the soldier there has been general improvement, but in the manual of arms the First has lost, while the others have improved in that respect. In firings by companies all the regiments have improved, but the First, Third and Fourth have not done as well as last year in the movements by fours, while the Second has slightly improved. The First and Fourth have lost in movements by platoons while the Second and Third have gained in their score. In movements by company, all except the Fourth, have gained since last year, the excepted regiment has lost slightly. In duties of captains the First has lost, the Fourth is about the same, and the Second and Third have gained. The lieutenants are better this year in the Second and Third but not so good as last year in the First and Fourth.

The military courtesy was slightly better this year than last in all except the Third Regiment, where there was a slight loss in that respect, as shown on the nights of company inspections. The general discipline is not so good as last year in any of the regiments except the Second, where it is better. The loss in discipline since last year is very slight and has been caused by the great lack of it in a few companies.

DETAILS OF INSPECTION BY BATTALIONS.

	REGIMENTS OF INFANTRY.									
	'F1	rst.	1	Second			Third		Fourth.	
					Ватт	LIONS				
	1st.	2nd.	1st.	2nd.	8 rd.	1st.	2nd.	3rd.	1st.	2nd.
Attendance (max. 20).	-		_			,			,	
Present in company uniform	216 10 5	216	220	22?	228	224 2	216 7	218 10	189 17	179 25
Total strength, battalion Absent with leave Absent without leave	226 2 8	223 2 5	227 6 1	288 10 1	237 9 9	226 2 0	2328 7 0	228 9 1	206 5 12	204 6 19
Per cent present in uni- form	95.6	98.9	96,9	95.3	96 2	99.1	96,9	95,6	91,8	87.7
Total score received for attendance	19.16	19.29	19.85	19.04	19.22	19.84	19.89	19.09	18 81	17.78
Inspection (max. 70).	١.		10			١	١,		)   1	,
Ceremony of inspection	8.19	8.87	8.18	8 94	8 42	8 68	7.81	8.69	9.19	8 38
Condition of arms	8.75	8.69	8.83	9 87	9 60	9 25	8.37	9.25	9.71	9.48
Condition of equipments	9 69	9.06	9.75	9.69	9.72	8 94	9.19	9.75	9 68	9,66
Condition of uniforms	9.10	9.63	9.06	9.68	9.56	9.93	9.69	9 75	9 50	9,06
Condition of books and papers	8.68	9.06	8.56	1 9 68	9 69	9.19	9.69	9.38	9.44	9.88
Condition of armory	8.50	8.63	9.62	9.50	9.88	9.60	8.25	10 00	9.94	9.87
Care of state property (max. value of each 10).	9.24	8.97	9.56	9.87	9.60	9.55	9.89	9 48	8 95	9.88
Total store regived for in-	b		7 	1	2	· ·	10	•	,	•
spection	62.49	i62.41	i <b>68</b> 56	66 68	66.57	64.99	62.89	66 24	66.36	65.66

# DETAILS OF INSPECTION BY BATTALIONS. - Continued.

	REGIMENTS OF INFANTRY.									
	F	irst.	Second.		Third.			Fourth.		
					Ватт	ALIONS	١.			
	1st.	≵nd.	1st.	2nd.	8rd.	ist.	2nd.	8rd.	1st.	2nd.
Drill (max. value 70).	,									
School of the soldier	7.81	8.06	7.19	9.12	8.95	8.12	8.25	8.50	8.50	8 19
Manual of arms	7,56	7.78	7.19	8.81	8 56	8.85	8.38	8.19	7.81	8 50
Firings	9.44	8.19	8.75	9.89	3.69	9 19	8.25	8.63	7.94	8.25
Movement by fours	8 94	7.12	7.88	8.89	8 88	7.87	7.63	7.25	7. <b>2</b> 5	7 38
Movement by platoons	7.50	6.63	7.59	8.81	8.00	7.25	7.50	8.00	6 68	6.87
Movements by company	7.50	8.25	5 9.18	8.94	8.44	8.25	8 00	8.62	F.12	7.31
Extended order of drill (max. value of each 10)	7.19	6.94	7.31	7.81	8.06	6 50	7.87	7.927	7.19	6.75
Total score received for drill	<del>7</del> 58.94	1º 52.97	54.19	61.76	58.38	55 06	55.38	57 OI	58.44	53.25
Efficiency of Officers (max. value 10).						}				
Duties of captains	7.94 10	8.83	8 63	9.45 1	9.20	8 94	8.87	9.17	9.22	8 6
Duties of heutenants (max. value of each 10)	7.67	8.22	7.81	9.50	8 63	8.56	7.94	9 04	8.75	8 12
Total score received for efficiency of officers	15.61	17.05	16 44	18 95	17.83	17.50	16.81	18.21	17.97	17.00
Military Courtesy and Discipline (max. 20).										
Military courtesy	8 ಜಿ	9.22	8.25	8 78	3 8,94	8.50	7.50	8.00	9.16	6 56
General discipline	7.63	7.59	7.68	8.78	8.93	8.12	7.50	8 15	8 63	6 %
Total score received for military courtesy and discipline	= 15.88	16.51	15.*8	17.56	17.97	16 62	15.00	16.12	::::::::::::::::::::::::::::::::::::::	15.3
Aggregate score received for annual inspection		168.53	169.42	183.94	179.87	174.C1	168 97	176 67	1276	169 0

The small numbers above the others show the order of the organization in that particular detail. The comparison is made between the 10 battalions.

From the Details of Battalions we see that the 3d Batt., 2nd Inf., is the largest, having 228 men present, and the 2nd Batt., 4th Inf., is the smallest. The largest per cent. present was in the 1st Batt., 3rd Inf., and the smallest in the 2nd Batt., 4th Inf. The ceremony of inspection was best performed by the 1st Batt., 4th Inf., and worst by the 2nd Batt., 3rd Inf., and in condition of rifles they stand in the same relative positions. In condition of equipments the 1st Batt., 2d Inf and 3rd Batt., 3rd Inf, stand one, and the 1st Batt., 3rd Inf., is the poor-Condition of uniforms, the 1st Batt., 3rd Inf., is the best, and the 1st Batt., 2nd Inf., and the 2nd Batt., 4th Inf., were the poorest. Books and papers were best kept in the 2nd Batt., 4th Inf., and the worst in the 1st Batt., 2nd Inf. The highest mark possible was given the 3rd Batt., 3rd Inf., for condition of armory in which repect they stand first, while the 2nd Batt., 3rd Inf., is last in that respect. In care of state property the 2nd Batt., 2nd Inf., stands first and the 1st Batt., 4th Inf. last. On the whole inspection of arms, etc., the 2nd Batt., 2nd Inf., passed the best and the 2nd Batt., 3rd Inf., the worst. In the school of the soldier the 2nd Batt., 2nd Inf., is the best, and the 1st Batt., 2nd Inf., the worst, and they have the same relative standing in the manual of arms. The firings were best done by the 2nd Batt., 2nd Inf., and worst by the 1st Batt., 4th Inf. In movements by fours the 2d Batt., 2nd Inf., stands first and the 1st Batt., 1st Inf., last. Movements by platoons were best performed by the 2nd Batt., 2nd Inf., and worst by the 2nd Batt., 1st Inf., and 1st Batt., 4th Inf. In movements by company the 2nd Batt., 2nd Inf., stands first and the 2nd Batt., 4th Inf., last. Extended order drill was best performed by the 3rd Batt., 2nd Inf., and worst by the 1st Batt., 3rd Inf. company drill as a whole the 2nd Batt., 2nd Inf., stands first and the 2nd Batt., 1st Inf., the last. The captains as a whole

are best in the 2nd Batt., 2nd Inf., as would naturally result from the fact that this battalion is the best drilled. The poorest captains as a whole are in the 1st Batt., 1st Inf. The bests lieutenants as a whole are in the 2nd Batt., 2nd Inf., and the worst in the 1st Batt., 1st Inf. So that the most efficient officer are in the 2nd Batt., 2nd Inf., and the poorest in the 1st Batt., 1st Inf. In military courtesy the 2nd Batt., 1st Inf., stands at the top, while the least attention to courtesy is shown in the 2nd Batt., 3rd Inf., General discipline is the best in the 3rd Batt., 2nd Inf., and poorest in the 2nd Batt., 4th Inf. two combined the 3rd Batt., 2nd Inf., stands first and the 2nd Batt., 3rd Inf. the last. On the aggregate of points on company inspection the 2nd Batt., 2nd Inf., stands first and the 1st Batt., 1st Inf., last.

From the details published from your office this year, comparisons can be made with the results given in my report for 1893 (Page 82). (Proceedings of Officers, etc., 1893)—from a similar table constructed this year we find the following:

In each regiment the gains and losses since 1893 are by company as follows:

	Por	NTS.	Remarks.
PANIES. Gained	Gained.	Lost.	Lemanad.
A	6.25 2.08 2.11 30.55	.05 29.70 2: 44	4 companies gain, 8 companies lose, 1 company the same as 1893. 8 companies show net loss of 16.20, but an apparent gain of 9.88 due to transfers. Co. I changed to Co. G. and Co. K to Co. D. Co. D first Co. A, 2nd vice "Manitowoc" Co. nustered out.
Total	40.99	57.19 40.99	
Net actual		16.20	

FIRST REGIMENT, 8 COMPANIES.

# SECOND REGIMENT, 12 COMPANIES.

a	Por	NTS.	<b>D</b>
Com- PANIES.	Gained.	Lost.	Remarks.
ABB	21.94 10.35 9.54 1.80 6.67 2.10 08 39.08 36.20	10.28	9 companies gain, 3 companies lose, 12 companies show net gain of 109.90. (Co. A. 2d, was Co. D, lst, in 1898. There is a loss by transfers of 7-10 points, but a real gain of 110.60.
Total	127.76 17.86	17.86	
Net gain	109.90		

# THIRD REGIMENT, 12 COMPANIES.

	Po	INTS.	
Com- Panies.	Gained.	Lost.	Remarks.
A	1.83 9.65 5.62 7.5 80.74 7.24 28.50 2.67 14.40 14.26 7.47	20.75	11 companies gain, 1 loses, 12 show a net gain of 99.88 points.
Total	120.63 20.75	20.75	,
Net gain	99.88		

#### FOURTH REGIMENT, 8 COMPANIES.

Сом-	Por	POINTS. REMARKS.			
PANIES.					
A	26.72 13.19 23.13 63.04 51.51	8 09 3.87 19.98 15.59 3.99	3 companies gain. 5 companies lose, 8 companies show net gain of 11.53 points.		

#### TOTAL.

26 companies gain	352.42 since 1893.
13 companies lose	147.31 since 1893.
90 companies net rain	905 11 since 1908

#### RECAPITULATION.

First regiment shows net loss	16.20 points since 1893.
Second regiment shows net gain	109.90 points since !898.
Third regiment shows net gain	99 88 noints since 1998

Showing for all regiments a net gain of 205.11.

Or an average for 40 companies of 5.127 points per Co. The gains by transfer increase this by .635 points per Co.

The average for Inf., for 1894 is 173.145, and 1893 is 167.33, a net gain of 5.812 points per Co. As will be seen from the preceding tables the 2nd Regiment makes the greatest gain per Co., and the 4th the least, while 1st Regiment really loses, but apparently gains 9.68 points or 1.21 per Co.

The largest gains in each Regiment since 1893 are as follows:

First Infantry	Co. E	30.55 points
Second Infantry.		
Third Infantry		
Fourth Infantry	.Co. A	26.72 points

Those in each regiment losing the most are:

First Infantry		
	Co. G	
	Co. B	
	Co. E	

### The 12 companies in attendance are as follows:

Визт	Worst.
1. Co A 3rd Infantry	84. Co. B 4th Infantry
2. Co. G ist Infantry	83. Co. G 3rd Infantry
3 Co. E 2nd Infantry	82. Co. F 4th Infantry
4. Co. C 1st Infantry	81. Co. C 4 h Infantry
5. Co. A 1st Infantry & Co. C 3rd Infantry	80. Co. H 1st Infantry
6. Co. L 3rd Infantry & Co. H 3rd Infantry	29. Co. E 4th Infantry
7. Co. F 3rd Infantry	28. Co. H 2nd Infantry
8. Co. D 3rd Infantry	27. Co. F 1st Infantry
9. Co. B 3rd Infantry	26. Co. D 2nd Infantry
10. Co. D 4th Infantry	25. Co. L 2nd Infantry
11. Co. C 2nd Infantry	24. Co. R 4th Infantry
12. Co. G 4th Infantry	28. Co. F 2nd Infantry

From the data gathered at inspection the companies in inspection of arms are as follows:

Best.	Worst.
1. Co. G ist Infantry	89. Co. F ist Infantry
2. Co. E 1st Infantry	88. Oo. H 1st Infantry
8. Co. I 2nd Infantry	87. Co. Bist Infantry
4. Co. Eand Infantry	86. Co. D 2nd Infantry
5. Co. ▲ 3rd Infantry	35. Co. A 1st Infantry
6. Co. D 4th Infantry	84. Co. M 8rd Infantry
7. Co. C ist Intantry	88. Co. K 2rd Infantry
8. Co. B 2nd Infantry	32. Co. E 3 d Infantry
9. Co. E 4th Infantry	31. Co. I 3rd Infantry
10. Co. G. 4th Infantry	30. Co C 4th Infantry
11. Co. F 2nd Intantry & Co. M 2nd Infant	ry 29. Co B 3rd Infantry
12. Co. F 3rd Infantry	23. Co. C 2nd Infantry

of which the several Regiments have as indicated, viz:

	ATTENI	DANCE.	Inspection.		
	Best.	Worst.	Best.	Worst.	
First Infantry	8 Cos. 2 Cos.	2 Cos. 4 Cos.	8 Cos 4 Cos	4 Cos. 2 Cos.	
Third Infantry Fourth Infantry	7 Cos. 2 Cos.	! Co 5 Cos.	2 Cos. 3 Cos.	5 Cos.	

In Company drill as a whole	there are:		
Вият.	Worst.		
1. Co. G First Infantry.	<ol><li>Co. F First Infantry.</li></ol>		
2. Co. K Second Infantry.	30. Co. D First Infantry.		
3. Co. E Second Infantry.	29. Co. G Third Infantry.		
4. Co. F Third Infantry.	28. Co. H First Infantry.		
5. Co. I Second Infantry.	27. Co. D First Infantry.		
6. Co. C Second Infantry.	26 Co. A Second Infantry,	Co. B Fo	ourth 1
7. Co. E First Infantry.	fantry and Co. E Fou	rth Iofan	try.
8. Co. F Second Infantry.	25. Co. F Fourth Infantry,	and Co. I	I Fourth
9. Co. D Third Infantry.	Infantry.		
10. Co. G Second Infantry.	24. Co. M Second Infantry	•	
11. Co. B Second Infantry, Co. H Second In	- 28. Co. I Third Infantry.		
fantry and Co. D Fourth Infantry.	22. Co. L Second Infantry,	and Co. (	Fourth
12. Co. H Third Infantry.	Infantry.		
	21 Co. C First Infantry,	Co. E	fhird In-
	fantry and Co. L This	d Infantr	<b>y</b> .
Of these there are in the			
Of these there are in the		BEST.	WORST.
First Infantry		2 Cos.	5 Cos.
Second Infantry			
Third Infantry	•	8 Cos. 8 Cos.	3 Cos. 4 Cos.
Fourth Infantry			
Fourth Intantry	•••••••••••••••••••••••••••••••••••••••	1 Cos.	5 Cos.
Efficiency of Officers:			
BEST.	Worst.		
1. Co. E Second Infantry.	80. Co. F First Infantry.		
2. Co. G First Infantry.	29. Co. H First Infantry.		
3. Co. G Fourth Infantry.	28. Co. B Fourth Infantry.		
4. Co. D Fourth Infantry.	27. Co. D First Infantry.		
5. Co. A Third Infantry.	26. Co. A Second In antry.		
6. Co. E First Infantry.	•	-40-01	
7. Co. G Second Infantry.	25. Co. B Third Intantry a fantry.	na Co. 14	I'nira in
8. Co. C First Infantry.	24. Co. D Second Infantry.		
9. Co. D Third Infantry and Co F Third			
Infantry.			
10. Co. L Second Infantry.	22. Co I Third Infantry as	ia Co. L	Ibird in
<del>_</del>	fantry.		
11. Co. B Second Infantry and Co. F Second			
Infantry.	20. Co K Third L.fantry.		
12. Co. A Fourth Infantry			
Of which are in the			
		BEST.	Worst.
First Infantry	•	8 Cos. 8	Co٠.
Second Infantry		5 Cos.	3 Cos.
Third Infantry		3 Cos.	5 Cos.

Fourth Infantry....

### Military Courtesy and Discipline:

#### BEST. 1. Co. L 2nd Infantry 2. Co. G 1st Infantry & Co. E 1nd Infantry 8. Co. I 2nd Infantry 4. Co. E 1st Infantry 5. Co. B 2nd Infantry and Co. F 2nd Infantry and Co. F 3rd Infantry and Co. H 3rd Infantry and Co. A 4th Infantry 6. Co. D 4th Infantry 7. Oo. F 4th Infantry 8. Co. B 1st Infantry and Co. K 3rd Infantry 9. Co. A 3rd Infantry 10. Co. C 1st Infantry 11. Co. D 1st Infantry 12. Co. G 2nd Infantry and Co. M 2nd Infantry and Co. B 3rd Infantry and Co, E 3rd Infantry and Co. L 3rd Infantry

#### WORST.

20. Co. M 3rd Infantry 19. Co. F 1st Infantr and Co. H 1st Infantry 18. Co. C 4th Infantry 17. Co. C 2nd Infantry and Co. E 4th Infantry and Co. D 3rd Infantry and Co. I 3rd Infantry 16. Co. G 3rd Infantry and Co. B 4th Infantry 15. Co. H 4th Infantry 14. Co. A 1st Infantry and Co. D 2nd Infantry 18. Co A 2nd Infantry and Co. A 2nd Infantry and Co. C 2rd Infantry

#### Of which there are in the

•		Worst.
First Infantry	5 Cos	8 Cos
Second Infantry		
Third Infantry	7 Cos	5 Cos
Fourth Infantry		

# The best 15 companies on annual inspection are—for 1894:

-	<b>A</b>
1. Co. G 1st Infantry	9. Co. K 2nd Infantry
2. Co. E 2nd Infantry	10. Co. G 4th Infantry
8 Co. E ist Infantry	11. Co. A 8rd Infantry
4. Co. I 2nd Infantry	12. Co. G 2nd Infantry
5. Co. F 3rd Infantry	13. Co. H 3rd Infantry
6. Co. D 1st Infantry	14. Co. D 3rd Infantry
7. Co. F 2nd Infantry	15. Co. A 4th Infantry
8. Co. B 2nd Infantry	_

#### Of which the

First Infantry bas 8 Co	8
Second Infantry has 6 Co	
Third Infantry has 4 Co	
Fourth Infantry has	200

From data given we find the following:

#### RECAPITULATION.

	Order.				ORDER. ORDER.			DER.	
Forty Companies of Infantry.	Total Strength.	Attendance.	Inspection of Arms.	Company Drift.	Efficiency of Officers.	Military Courtesy and Discipline.	1894. Total Points Scored.	1894.	1893.
First Regiment	3 1 2 4	2 3 1 4	4 2 8 1	8 1 2 4	4 1 2 8	3 1 4 2 1	167.80 177.74 178.21 171.48	1 2 8	3 4 1

From this table we see that where the attendance is worst the drill is worst, and the efficiency of officers being in that Regiment (the 4th) next to the worst, it is easily understood. It also naturally follows that as the 2nd Inf., is first in efficiency of officers, it should also be first in courtesy, discipline and drill. The difference in attendance of the 3rd, 2nd and 1st Regiments is but slight and is very good. The efficiency of the officers in the 3rd Regiment being second, that Regiment in consequence occupies, in drill and strength, the second places. The great loss in the 4th Regiment is evidently due to changes of officers, as the roster shows that (5) five out of (8) eight captains are new, and there is also a new colonel of the Regiment. In this Regiment the small attendance in several of the companies, together with the apparent lack of interest, from some cause, not officially known to me, is an additional reason for the loss of standing. The cause being apparent, the remedy should be vigorously applied, so as to bring this organization back to its high position. This can be done and it will be neglect of a plain duty, if the step is not taken. The drop of the 4th Infantry seems to be due to its officers.

# AVERAGE PER COMPANY - 1889 TO 1894, INCLUSIVE. REGIMENTS OF INFANTRY.

Regiments.	1889.	1890.	1891.	1892.	1893.	1894.	Since 1898.
First	141.85	159.88	164.33	162.56	3 166.59	167.80	Gain.
Secon1	150.83	166.96	165.96	166.17	168.53	177.74	9.21
Third	159.95	157.55	165.50	170.27	164.59	173 21	8.82
Fourth	165.50	167.64	171.93	169 21	170.04	171.48	1.44

From the above table the rise and fall, in the high water mark of points scored, can be traced for each of the four Regiments. The order is shown by the small figures above the larger ones. The standard has been raised in the 1894 record 1-20, so to get an accurate comparison with previous years given in the table, you should add 1-20 to the points scored in 1894. Only the figures actually scored and without correction for raising the standard are given in the table, so that the apparent gains and losses are those shown by the records each year. The remarks concerning the standard in 1894 apply to all tables where there is a comparison with previous years—that is, the figures are given in the tables without the 1-20 correction for raising standard.

Taking the Infantry as a whole, by companies, the averages for the years given below are as follows:

INFANTRY.

	1689.	1890.	1891.	1892.	1898.	1894.
Average Score per Company. Points—Annaul Gains		162.66 9.1214	166.53 8.87	167 15 0.62	167.88 0.18	173.1414 5.81

There has been a steady gain since 1889, being naturally greatest in raising the average when between 155 and 165 points, for the greater the distance from perfection, the more easy it is to make marked improvement, and the reverse of this proposition is equally true. The improvement last year is greater than any except 1890, and is really more creditable, as it is much more difficult to raise the score above 165 than above 155.

## RELATIVE ORDER OF MERIT.

Annual Company Inspections—1889 to 1894 both inclusive.

-														
_	1			1	<b>3</b> ∂4.			0	RDE	R OF	ME	RIT S FOI	ON B	
			ten- ace.	i 		ė	26. 10.							
Regiments.	Companies.	Strength.	Score.	Inspection.	Drill.	Efficiency of offi	Military Courtesy and Discipl ne.	1889	1890	1891	1892	1893	1894	Remarks.
First Infantry.	ABCDEFGH IK	9 15 6 12 10 21 2 11 No No	5 22 4 15 14 27 2 80 W C	85 87 7 24 2 89 1 88 0. G	18 18 91 27 6 81 1 28	15 18 8 27 6 80 2 29	14 8 10 14 19 2 19	29 85 9 42 89 27 88 21 4 38	33 3 11 Mus 23 29 85 19 18 39	38 20 28 t'd 27 26 39 16 1	8-3 225 222 201 89 88 Mus- 20 1 21	28 18 18 89 29 26 out 17 1 27	22 26 16 *85 3 40 1 89	1894.  F Company mustered out and new company organized with same letter.  1898.  D Company transferred to A, 2nd Infantry, K to D ist and I to G ist.
	}legt.	8	2	4	8	4	8	4	8	4	4	3	4	
Second Infantry.	ABCDEF GHIKLM	10 10 4 16 5 6 12 15 7 8 14 8	14 14 11 26 3 28 20 28 19 18 25 17	26 8 28 85 4 11 15 28 8 25 16	26 11 7 80 8 10 11 5 2 22 24	26 11 19 24 1 11 7 14 18 17 10 21	18 5 17 14 2 5 12 13 8 12 11	36 18 10 40 16 14 6 80 25 28	52 12 9 87 16 14 6 4 7 80 89 82	41 5 8 82 18 10 6 17 9 83 85 85	87 4 16 85 5 10 7 82 9 9 40 24	41 6 21 87 2 11 3 14 5 88 40 15	84 8 17 88 2 7 12 19 4 9 18 24	1598.  A Co. mustered out and D 1st, transferred to A 2nd Infantry.
-	Regt.	1	8	2	1	1	1	8	2	2	8	2	1	
Third Infantry.	A B C D E F G H I K L M	1 13 9 12 6 11 19 11 12 12 10 5	1 9 5 18 7 89 7 20 6 21	5 29 14 20 32 12 27 17 51 83 21 84	16 19 20 9 21 4 29 12 23 16 21	5 25 15 9 15 9 25 19 22 20 22 15	12 13 17 12 5 16	33 7 24 26 12 11 19 17 34 23 15	81 5 84 25 20 27 15 86 40 26 17	24 4 28 81 27 13 29 21 34 25 12	8 6 11 31 12 14 34 28 20 13 17	10 4 24 18 19 82 85 34 25 81 80 28	11 95 20 14 27 5 77 13 31 21 28	1993.  M Co. mustered into service.
Ī	Regt.	2	1	8	2	2	4	2	4	8	1	4	2	
Fourth Infantry.	ABCDEFGH	18 17 18 20 21 22 7 22	16 84 31 10 29 32 12 23	18 19 80 6 9 22 10 18	17 96 22 11 26 25 15 25	12   28   15   4   23   18   3   16	5   16   18   6   17   7   2   15	19 87 31 1 2 3 5	18 41 24 21 1 2 8	7 40 36 19 2 8 11	23 38 27 30 8 18	33 22 20 16 8 9	15 36 83 6 82 28 10 29	1892. The Regiment organize: and H Co. mustered into service 1893.
	Regt.	4	4	1	4	3	2	1	1	1	2	1	8	
=		===						_			==			

By an examination of the above table the ups and downs of each company can be traced from the time the annual marking began in 1889 as also a comparison for 1894 in company inspection, drill, etc.

Co. A, 3rd Inf., is the largest in strength and had every man present. The following companies had all men present at inspection: A, 3rd Inf., G, 1st Inf., E, 2nd Inf., C, 1st Inf., A, 1st Inf., C, 3rd Inf., L, 3rd Inf., F, 3rd Inf., H, 3rd Inf., D, 3rd Inf., B, 3rd Inf., D, 4th Inf., arranged in order of total strength.

Total 12 companies as against only 7 companies in 1893, a most creditable fact.

#### TROOP AND BATTERY.

The following table gives the changes for the Battery and Light Horse Squadron (now Troop A, 1st Cav.), since 1889, showing for each the total points scored the years mentioned:

TROOP A FIRST CAVALRY AND BATTERY A FIRST LIGHT ARTILLERY.

	1689.	1890.	1891.	1992.	1893.	1894.
Troop A	1731/6	1771 <u>6</u>	16914	170	168.4	163.08
	1601/6	168 <u>16</u>	16814	172	179.8	190.18

The troop seems to have had a varied career alternately gaining and losing points at the succeeding inspections until the last where it loses. The battery on the other hand has improved steadily each year from 160½ points in 1889 to 190.18 in 1894, an average gain per year of about 5 points, a very creditable record of which they have just cause to be proud.

#### TROOP A, FIRST CAVALRY.

The troop has lost one in strength since last year, and has the same number 12 absent with leave. If they are the same men they should be *discharged*, for unless they can attend the

duties of the company, they are a source of demoralization and an incumbrance on the progress of the organization. There are two more absent without leave than last year. The attendance is about the same. In ceremony of inspection there is a slight loss while there is an improvement in condition of arms and equipments and uniforms. The books and papers are the same as is also the case of condition of armory. In school of the soldier there is a great loss but an improvement in the manual of sabres and pistols. In movements by fours there is a slight gain but a decided loss in platoon movements as there is also in movements by company. There is an improvement in the duties of Captain and Lieutenant, as also in military courtesy and discipline. On the whole there is a loss.

#### BATTERY A. FIRST LIGHT ARTILLERY.

There is a loss of 8 in the strength of the battery but the absences are less than half those of the previous year, which shows an improvement in that respect. The attendance is about the same but there is an improvement in the ceremony of inspection. The condition of pieces is the same but the equipments show an improvement, as is also the case of the uniforms and books and papers. There is a loss in condition of armory. An improvement is shown in the school of the soldier, manual of sabre, service of the piece, and a loss in movements by sections. In movements by platoons there is an improvement as also in movements by company. In efficiency of officers the battery stands most excellent, but there is a slight loss in military courtesy and discipline combined. On the whole there is a decided improvement over 1893.

#### CAMP.

In compliance with your direction I reported at camp on July 30, and remained there except Saturday and Sunday, until after the encampment was over. You are personally cognizant of what duties were performed by me during that time. The require-

ments of G. O. No. 8, June 30, 1894, were carried out and with most decided profit to all the regiments. The program for work proved to be practicable, and by its progressive method and variety of subject was of interest as well as benefit to those concerned. With but slight change the same order can well be followed next year. The work of all the regiments was an improvement over last year, but especially was that of the 2nd and 3rd regiments most creditable. The improvement in military courtesy and saluting was very marked in all, and the In the 2nd and duties of sentinels was very well performed. 3rd regiments particularly was this the case. The attendance in camp was as follows:

1894.

	PRESENT. Strength. Per Cent.		Absent.	Total Strength.	
First Infantry Second Infantry Third Infantry Fourth Infantry	486 657 699 895	90.0 19 4 92.7 80.1	54 81 55 98	540 768 754 498	
Totals	2.267 2,061	88.7	\$88 491	2,555 2,552	

In 1894 there were only 3 more men in the infantry as a whole and yet there were more than 200 more men present in camp in that branch of the service. A most marked improvement in that respect.

The highest number sick in 1893 was 43 men, taking the highest number in every regiment on one day, while in 1894, with more than 200 more men in camp, the number sick was only 45, which in proportion it should have been about 50. These figures are taken from the morning reports of regiments.

In addition to what has be said, there was in camp an improvement in the drills as a whole, and in the condition of arms and equipments and camp. I do not think that some of the grounds around the kitchen were as clean in the 1st and 4th

Inf. as last year, and the sinks were not properly attended to during camp. Especially was this the case along the line for Headquarters and mess.

The sham battles were more satisfactory this year than last and instruction in advance guard and outpost duty was as a whole satisfactory. In administration and discipline the 1st and 4th regiments are deficient and efforts for improvement should be made in that direction.

#### SMALL ARMS AND RECORD FIRING.

There were present at the firing point at 200 yards and fired in each regiment for record as follows:

	For Duty Present.	Per Cent.	Total Strength.
First Infantry Second Infantry Third Infantry Fourth Infantry	870 582 649 805	91.1 95.7 100.0 87.6	405 608 649 348
Total	1,906	94.8	2,010

Of these men many had not fired a rifle before with service charges—much interest was manifested and it is belived that, if continued, much good will result to the Guard by causing all men in every company, excepts the cooks in the kitchen and the sick and the Co. Quartermaster Sergeant, to fire on the ranges for record. The 3rd Inf. had every man present for duty, cooks and all, and deserve the highest commendation for their enthusiasm and intelligent performance of that duty. It is hoped that their example will be an incentive to all in that respect, so that it will be the exception when any regiment neglects this, one of the most important parts of their military education.

#### TARGET RECORD.

Order.	Regiment.	Score.	Order	Battalion.	Order and Score	•
1 2 3 4	Third First Second Fourth	103.88 88.29 87.02 80.22	1 2 3 4 5 6 7 8 9 10	First Third First Second Second	Third Regiment Third Regiment Fourth Regiment Second Regiment Third Regiment First Regiment Second Regiment First Regiment First Regiment Fourth Regiment Fourth Regiment	114.02 109.00 98.32 93.71 92.45 90.19 87.20 85.71 80.21 65.94

#### COMPANY ORDER.

or.	Name in Order.	Scor
Co. A Thir	d Regiment	188
Oo. A Fou	rth Regiment	121
Co. B Thir	d Regiment	12
	d Regiment	114
. Co. G Thir	d Regiment	ii
Co. K Thir	d Regiment.	īi
Co. I Seco	nd Regiment	ii
Co. E Seco	and Regiment.	îó
Co. I First	Regiment	10
Co. I First	Donly and	20
Co. E Firs	Regiment.	
Co. F Four	th Regiment	9
Co. G Thir	d Regiment	9
Co. M Thir	d Regiment	9
Co. L Thir	d Regiment	9
Co. D Fire	t Regiment	9
Co. K Seco	nd Regiment	9
Co. C Thir	d Regiment	9
Co. H Fire	t Regiment	9
Co. B Seco	nd Regiment	9
Co. E Thire	i Begiment	9
Co. H Thi	d Regiment	8
Co. M Seco	oud Regiment	ē
.l Co. H Seco	nd Regiment.	ě
Co. C First	Regiment	à
Co. F Seco	nd Regiment	8
Co. G Four	th Regiment	8
Co. F Thir	l Regiment.	8
Co. B Fou	th Regiment	7
Co. B roui	nd Dodmont	ŕ
Co. G Seco	nd Regiment	
. Co. D Seco	nd Regiment	7
Co. First	Regiment	7
Co. C Seco	nd Regiment	7
Co. A Seco	nd Regiment	7
Co. B First	Regiment	7
Co. H Four	th Regiment	?'
. Co. C Four	th Regiment	7
Co. L Seco	nd Regiment	7
. Co. A First	Regiment	7
Co. K Four	th Regiment	7
Co. D Four	th Regiment	6

Target record of 40 companies of Inf. Average per Co., score 92.73.

The remarkable superiority of the 3rd regiment in small arms practice is noted at a glance.

The 3rd regiment had volley firing for 11 companies at 600, 800, and 1000 yards—3 volleys at each range, and the result was very satisfactory. The record is as follows for 20 men of each company.

	600 yd	s.	800 yds	s.	1000 yd	в.	3 ranges.	
	Per cent.	Ord.	Per cent.	Ord.	Per cent.	Ord.	Per cent.	Ord.
Co. A	863/6	8	20	8	15	9	24	11
Co. B	581/8 51/28	4	85 15	2 9	2814 1814	5	871/6 281/8	, 5
Co. D	40	7	45	1	181/8 162/8	8	84%	' 8
Co. E	56 <del>%</del>	2	831/5 832/8	4	25	4	84/8	i
Co. F	413/8	- 6	83%	8	883/6	2	36 1-9	5
Co. G			not fire			ام		l
Co. H	90 65	10	281/6 281/8	6	2136 1636	8	25	1 10
Co. K	46%	5	21%	2	1078	9	9592	1
Co. L	8123	ý	45	1	80.78	8	852	7
Co. M	41%	6	45	i	381/8 30 25	4	3634 35% 35% 87%	2

The 1st Inf. fired 3 volleys by company at 600 yds., alone, and scored as follows:

Co. A at 600 yds., 3 volleys of 20 men each	83 per cent.
Co. B at 600 yds., 8 voileys of 20 men each	9% per cent.
Co. C at 600 yds., 3 volleys of 20 men each	401/g per cent.
Co. D at 600 yds , 8 voileys of 20 men each	29 per cent.
Co. E at 600 yds., 8 volleys of 20 men each	211/4 per cent.
Co. F at 600 yds., 8 volleys of 20 men each	53% per cent.
Co. G at 600 yds., 8 volleys of 20 men each	45% per cent.
Co. H at 600 yds., 3 volleys of 20 men each	5314 per cent.

The other two regiments did not have volley firing.

In accuracy alone the best 20 companies stand as follows, as shown by their record firing at known distance and skirmishing. The most valuable company being the one having the greatest proportion at longer distances and skirmishing, the order will not be that given for target record but will differ from it for the reason just given:

1. Co. A 4th Infantry	83.9 per cent.
S. Co. A 3rd Infantry	31.3 per cent.
8. Co. B 3rd Infantry	. 29 percent.
4 Co D 3rd Infantry	91 5 per cent

, 5. Co. I 2nd Infantry	28 8 per cent.
6. Co. K 3rd Infantry	21.8 per cent.
7. Co. G 3rd Infantry	••••
Co. E 2nd Infantry	21 per cent.
8. Co. E 1st Infantry	18.8 per cent.
9. Co. I 8rd Infantry	19.7 per cent.
10. Co. G 1st Infantry	19.8 per cent.
11. Co. C 3rd Infantry	18 per cent.
12. Co. L 3rd Infantry	17.9 per cent.
18. Co. F 4th Infantry	
Co. H 1st Infantry	17.4 per cent.
14. Co. M 3rd Infantry	17.1 per cent.
15. Co. B 2nd Infantry	17 per cent.
16. Co. E 3rd Infantry	16.9 per cent
17. Co. K 2nd Infantry	16.7 per cent.
18. Co. D 1st Infantry	-
19. Co. M 2nd Infantry	16.5 per cent.
90. Co. H 2nd Infantry	16.4 per cent.
of which the	-
First Infantry has	4 Companies
Second Infantry has	6 Companies-
Third Infantry has	
Fourth Infantry has	_

The following table combines the records of companies in the several details, and gives per company all points on which they make a record in armories and camp.

# 1894.— REGIMENTAL AND BATTALION RECORDS BY COM-PANIES.

	ARMOR	RY.			(	CAMP A	ATTEND	ANCE.				Вотн.
	Com-	C m- pany Inspec- tion.	Target Record.	Order	Camp	Or- der.	Target Practice.	Or- der.	Score	Or- der.	Score for State Team.	Aggregate Score.
		17134	76.42	38	98.4	2	86.4	33	92.4	19		29 340 57
	В	169.85	77.76	34	77.9	82	100.0	1	88.9	26	]	336.01
	C	177.48	86.76	24	93.3	7	96.0	22	94 6	11		35F 84
First lnfantry.	D	162.44	94.41	15	86.7	21	61.2	88	78.9	80		880 75
In	E	190 1-20	99.51	10	92.2	11	96.5	21	94.8	13		381.86
iret	F	181.80	78.72	81	91.1	15	94.2	25	92.6	18	5	808 12
F4	G	19514	97.1	12	84.8	24	92.0	28	89.2	27		380.80
	н	141.08	98.08	18	92.4	9	86.0	84	89.2	21		34 326.31
	'						-					<b>—</b>
i		167.08	90.19	6	92.4	2	82.5	8	87.4	8		344,67
2nd B	2nd Batt 168.58		85.71	8	86.7	8	95.5	4	91.1	6	5	830 34
1st Re	ist Regt 167.80		88.29	2	90.0	2	91.1	8	90.5	8	5	351.59
											1	31
	A	162.64	77 81	38	91.2	14	90	81	90.6	23		831.05 11
	В	183.64	91.45	19	87.7	19	100.0	1	98.8	14		368.89 24
	C	176,85	78.27	82	98.4	2	98.1	26	95.7	9		350 92
ĘŢ.	· D	154 54	78.91	80	82.3	28	100.0	1	91.1	20	¦	324 55
Second Infantry.	E	194.05	101.10	8	81.0	29	100.0	1	90.5	28	5	890.65
d I	F	185.00	82.19	25	98.8	8	95 0	24	96 6	5	¦	869.79
COD	i G	181.83	79.02	20	91 5	18	83.7	86	87.6	28		347.94
å	H	175.40	88.05	28	78.3	81	98.0	27	85.6	81		349 05
	. I	189.58	110.80	7	83.6	26	28.0	19	90.8	21		390,68
	K	182.83	93.74	16	92.8	10	96.6	20	94.4	12		\$70.97
	L	176.40	76.78	87	92.8	8	100.0	1	96.4	6		349.58 32
<u> </u>	<u>M</u>	170.68	89.54	22	89.5	16	100.0	1	91.7	10		851.92
lat B	att	169.42	80.21	9	89.9	5	95.8	8	92.8	5	li	842.43
2nd B	att	183 94	87.20	7	87.8	7	92.9	5	90.1	?	5	366.94
8rd B	att	179.87	92.71	4	89.5	6	98.7	2	94.1	4		866,68
2nd R	legt	177.74	67.02	8	89.4	8	95.7	2	93 5	2	Б.	362.96

# 1894.—REGIMENTAL AND BATTALION RECORDS BY COMPANIES—Continued.

	ARMO	RY.	!	Camp Attendance.								
	Com-	Com- pany Inspec- tion.	Target Record.	Orcer	Camp	Or. der.	Target Practice.	Or- der.	Score	Or- der.	Score for State Team.	Aggregate Score.
		181 5-6	138.46	1	1 <b>0</b> 0.0	1	100.0	1	100.0	1	5	1 425,29
	В	17014	126.87	3	88.7	. 17	100.0	1	94 8	18		891.49
	C	174.50	98.74	17	100.0	1	100.0	1	100.0	1		368.64
	D	17914	114.58	4	96.8	4	100.0	1	98.1	2		892.18
try	E	169.0	91.08	20	92.3	10	100.0	1	96.1	7		856.18
ğ	F	188.99	81.38	27	86.2	28	100.0	1	98.1	16	¦	863.47
Third Infantry.	G	156.84	118.09	5	91.8	12	100.0	1	95.9	8	5	870.88
Ē	H	1801/	89.95	21	87.4	20	100.0	1	98 7	15	ļ ļ	864.15
	1	165.01	100.28	9	8.50	10	100.0	1	96.1	7	j	861.84
	K	172.90	112.85	6	94.6	5	100.0	1	97.8	8		882 53
	L	171.60	96.28	14	85.9	28	100.0	1	92.9	17		860.78
	M	167.72	96.65	18	98.5	6	100.0	1	96.7	4		861.07
lst B	st Batt 174.01		92.45		91.4	4	100 0	1	95.7	8		862.16
ind B	att	168.97	109.00	1	98.6	1	100.0	1	96.8	1	10	384.77
ird B	att	176.67	114.02	N R	92.8	8	100.0	1	96 1	2		886.79
ord R	egt	173.21	105.38	1	92.7	1	100.0	1	96.8	1	10	884.99
	A	179.42	129.90	2	88.9	-		82	86.4	80	15	410.72
٠		157.91	79.1	28	75.0	25 88	80.0	87	77 5	85	,,,	814.51
ž	- 1	164.08	77.58	36	83.9	25	86.0	84	84.9	82		35 326.46
Fourth Infantry.		185.99	66.24	40	88.0	18	85.1	85	86.5	29		888.78
된		164.62	75.1	89	64.7	- 84	91.0	80	77.8	84		817.52
Fou		168,72	97.9	11	75.0	38	88.7	86	79.8	83	10	21 855.92
- i		182.81	82.08	26	78.1	81	91.8	29	84.9	82		35 849.79
	- 1	168.83	77.72	85	88.0	27	95.3	23	89.1	25		82 885.15
et Pe	t Batt 178.89		93.82	8	75 4	10	88.9	6	82.1	10	25	874.81
nd Ba		178.89	65.94	10	82.5	9	86.6	7	84.5	10		819.51
					02.0	i					<del></del> \	3
th Re	gt	171.48	80.22	4	80.0	4	87.6	4	88.8	4	25	860.40

The score for attendance is one-half the sum of the scores for attendance in camp and at the firing point at 200 yds., in target firing for record. The order for aggregate score is that for all points considered.

A careful study of the above table will give matters of interest in details not given in previous tables.

The following was furnished by Capt. Chas. Hobart, 3rd Inf., U. S. A., as the result of our joint inspection of arms, equipment, etc., in camp for 1894:

LEGEND.—D, Dirty; V D, Very Dirty; G. Good; V G, Very Good; F, Fair; P, Poor; X, Some Effort to Clean; O, A Great Deal of Work.

	1st Regiment.					2d Regiment.				8D REGIMENT.				4TH REGIMENT.			
Cos.	Arms.	Eqp.	CIR.	Mil Brg.	Arms.	Eqp.	CIB.	Mil Brg.	Arms.	Eqp.	ા હાર્	Mil Brg.	Arms.	Eqp.	CIB.	Mil Brg.	
A	D	F	G	P	v D	G	VG	F	$\mathbf{D}$	F	VG	F	D	G	VG	F	
В	VD	P	G	F	Ď	G	VG	G	D	F	G	F	D	D	G	P	
C	X	G	G	F	D D	G	∇G	F	D	Р	G	F	VD	G	VG	F	
D	D	G	G	P	D X D X D X	VG	G	G	Vυ	G	٧G	G	D	∇G	<b>V</b> G	F	
E	X	VG	G	F	D	G	VG	G	D	F	G	F	O F	G	VG	P	
F	Ď	G	G	F	¥	P	F	P	D	G	G	F	Ď	G	∇G	F	
G	D X D X D	G	∇G	G	. D	G	VG	G	D	G	∇G	G	D O F	G	VG	G	
H	D	F	G	G	Ď	G	VG	G	D	F	G	G	D	F	∇G	F	
k					0 <b>F</b>	G	VG	G G	D	F	VG	G					
					O F D	F		li	D		VG	F	i			i	
L		•••				_	VG		VD	-	G	1 -	••••				
M	<u> </u>	١	<u> </u>		D	G	∇G	G	_\D	F	G	F	l	<u> </u>	· · · • •	<u> </u>	

By giving values to the condition, a score has been calculated—(viz.: D-2, VD-1, G-3, etc., etc.) for condition of arms, equipments, etc.,—each Reg't has a score equal to that of its companies and in the 8 company regiment, one-half is added so as to reduce all to 12 company regiments.

The score for attendance is the per cent. present. That given for administration, condition of camp and kitchen are arbitrarily assumed from my personal observation in camp. The dis-

cipline is based on observation both in camp and during inspections. The military bearing is calculated in the manner similar to that for condition of arms from the above table. The score for drills is based on observation during the year and particularly in camp. The other records in the following table are calculated from the actual results of the regiment's actions in that regard.

ORDER OF MERIT OF INFANTRY WITH ALL POINTS SCORED.

1894.

DETAILS.	REGIMENTS OF INFANTRY.						
	First.	Second	Third.	Fourth			
Company Inspection in Armory	167.83 90.00	89.40	1	4			
Attendance at target range	91 10 35.00	2	1	1 4			
Discipline in camp  Military bearing in camp	44 97 22 50	£0,00	46 ₂ 86	45.74			
Condition of arms in camp,	28.50	35,00	21 00	28 50			
Condition of equipments in camp	31 ₄ 50 87.50	45 00	41 00	46,50			
Condition of camp and kitchen in camp  Drills in camp	80 00 78 50	1	2	i 4			
Small arms practice—Record	88,29 47,46	87,03 46,61	2	1			
Team Shooting—State	5.00	5.00	10.00	25.00			
General efficiency on all points	798.19	870.66	868 69	808.66			

The order in each detail is given by the small numbers above the others.

The 3rd Rgt. had volley firing instead of battalion drill on the last day which was optional: as no other regiment fired vol-

leys at all ranges it is impossible to institute a comparison in that regard.

The best regiment on all points considered is the 2nd Inf. (Score 870.66) although the 3rd Inf. is but slightly behind (Score 868.69). On company inspection and rifle practice combined the 3rd Inf. is ahead (Score 384.89) with the 2nd Inf. next (Score 362.26) and the 4th Inf. a close third (Score 360.40).

On company inspections and small arms practice combined the best 6 battalions in the order named are:

Order.	Name.	Score.
4	8rd Battalion, 8rd Infantry 2nd Battalion, 4rd Infantry 1st Battalion, 4th Infantry 3rd Battalion, 2nd Infantry 2nd Battalion, 2nd Infantry 1st Battalion, 8rd Infantry	374.87 366.68

And on the same points the best (12) companies in the order named are:

Order.	Name.	Score.	Order.	Name.	Score.
2 8 4 5	Co. A, 3rd Infantry. Co. A, 4th Infantry. Co. D, 3rd Infantry. Co. B, 3rd Infantry. Co. I, 3rd Infantry. Co. E, 2nd Infantry.	892.18 891.42 890.68	8 9 10 11	Co. E, ist Infantry Co. K, 3rd Infantry Co. G, 1st Infantry Co. K, 3nd Infantry Co. G, 3rd Infantry Co. B, 2nd Infantry	363.85 382.55 380.80 370.97 870.33 366.89

#### TROOP.

The attendance of the troop in camp showed an improvement since 1893, and on this there is cause for favorable comment. There should be a daily program for progressive work, so as to accomplish as much as possible in the time devoted to camp. There should be company drills, charges as foragers, small patrols and reconnoitering a short distance from camp. Constant use of the horses will alone enable the men to control the horses and have confidence in themselves to preserve their seats in saddle. Progressive work alone will promote interest as well as profit in the exercises.

#### THE BATTERY.

The work of the battery in camp was very satisfactory. Drills were good for the limited time and the target practice on the new range very good. The fuses and plungers of old pattern, if any are on hand, should be returned to the Ordnance Department for new, as the plungers with lead base are not safe in transportation — for reasons given in the recent investigation (of the U. S. Ordnance Department) on that subject.

As a whole the work in camp was most satisfactory, and especially so was the conduct of target practice under the able superintendence of Colonel Gurdon Windsor, General Inspector of S. A. P. The work of the Third Infantry, in this respect, under Capt. Graham and Adj. Holloway, deserves especial commendation.

The large number of men with blue flannel shirts this year is in that respect a marked improvement over last camp.

#### HOSPITAL CORPS.

There was improvement in the work of the hospital corps and its efficiency is rapidly approaching the point when the National Guard can depend on it for any case of emergency.

#### SIGNAL CORPS.

The signal corps made a good beginning in practice with the flags and torches. It was especially good in the Second and Third Infantry, as a whole, while in the Fourth there are able men in one or two companies. The First Regiment needs to pay more attention to this branch of the military profession.

INSPECTION OF ST. JOHN'S COLLEGE AND THE NEW COMPANY AT RACINE.

In compliance with your directions and on invitation of the president of that institution, I, in company with you, made an inspection of the military department of St. John's college in

Delafield. My report to you previously submitted gives the results of that inspection.

In order to enable the new company at Racine to secure the money to which it is entitled under the law, I made, on September 28, 1894, an inspection for that purpose and found 62 men in ranks an improvement already apparent over the last inspection of the old company. The wisdom of mustering out the old company is borne out by the present condition of the new.

#### RECOMMENDATIONS.

A brigade formation by consolidating the First and Fourth Infantry, a brigade of three regiments, nine battalions and thirty-six companies. That Company E and F, Fourth Infantry, be consolidated and form one company, and the poorest three companies in the state be mustered out of service but kept as provisional, and each year the company standing lowest (if below the best provisional company) to be dropped to provisional, and the other take its place. This would keep a constant stimulant in the Guard as a whole and as the law allows 40 companies, the three or four provisional companies could be made one battalion of such and placed under a provisional major.

All companies before entering the cars or starting on a march should fill canteens with fresh water and refill at first opportunity after they are empty or the water becomes stale.

Every company should be provided with blue flannel shirts for every man, and blankets, tin cup, plate, knife, fork and spoon, to be kept in the haversack ready for use. There should be company field mess chests for sixty men (of uniform pattern and furnished by the state) with proper utensils. Some field oven (the Buzzacott is the best that I have seen) with its pots, kettles, etc., should also be in the hands of every company. At each station of a company there should be known to the captain and lieutenants some store where at a moment's notice cooked rations for three days could be procured for the

eompany, which should never leave its station on duty away from the armory without at least three days cooked rations for every man. (The travel ration is given on page 188 of Article 35, paragraph 481 of Rules and Regulations of W. N. G.)

The companies should be practiced in leaving their armory under the supposition that they were surrounded by a mob. The companies should also when practicable practice leaving and boarding a train under the same supposition.

In appointments to position of officers, there should, when practicable, be an examination by a board of officers (preferably field officers), and in all appointments to position of corporals, the company officers should constitute a board, and examine them in the theory and practice, by giving them command of squads, etc. Promotions above corporal should be by seniority, except for cause. There should be a weekly school for non-commissioned officers and one every two weeks for the officers of the company, in the latter case the captain is the instructor.

There should be volley firing in camp for every company, the same to count for record for the company, battalion and regiment.

That the length of time of encampment be increased to ten days if possible.

That no enlistments be made prior to camp, within two months of the time of that organization going to camp, so as to have only comparatively well instructed men for duty in camp, and that a physical examination be required for all enlistments.

That the names of those discharged for the good of the service, be published from your office at least once a year.

That new rifles be secured of calibre 45, in place of those now unserviceable and on hand.

That in purchasing canvass in the future, conicle wall tents be bought as they give the greatest amount of room for the least amount of space occupied.

That the medical department be thoroughly organized with a regular hospital corps and that the officers and enlisted men be

carried as members of this organization to be enlisted as such and carried on the rosters under a proper designations.

That the ranking medical officers attached to each regiment at least a month before going into camp, forward to the Surgeon General their estimates of the necessary medical supplies, surgical instruments, etc., that will be required in camp, and from these estimates the Surgeon General will purchase the necessary medicines, etc., for use in camp. This is especially necessary in order that only the proper amount of the needed medicines be purchased and that everything that may be necessary may be on hand when needed. The Surgeon General can more intelligently make these purchases when the estimates of his subordinates are before him, as from their long experience in camps their recommendations should have great weight in this matter.

That a name be given each annual encampment, said name to be selected by the Adjutant General and to be that of some deceased eminent officer who has served with the troops from this state.

That the instructions for cleaning rifles and brass parts of equipments, and those relating to military courtesy and salutes in barracks and camp (copy hereto annexed and marked "A") be strictly enjoined upon the members of the National Guard of this state.

That a suitable prize be offered for the company having the best target record as a whole in addition and apart from the banner at present offered to the company having the best team of ten men.

That a roster of troops containing those on active and retired lists of the National Guard of this state, be published for distribution once annually.

That careful and thorough aiming and sighting drills and gallery practice be held in the armories, and only until then, shall a soldier be allowed to fire the service charge. That as soon as practicable thereafter, the service charge be fired by every man in the company if only at a hundred yards, and that the positions be taken standing, kneeling and lying.

That team shooting be encouraged in every company for small prizes between as many teams in each company as is most convenient and practicable, so as to stimulate the enthusiasm for rifle practice.

That some member of the staff be appointed Acting Judge Advocate General.

That theoretical schools for officers and non-commissioned officers be earnestly enjoined and required in every company in the state, and that examinations be held if practicable, for all cases of promotion.

That a new Hotchkiss two inch rifle rapid fire gun with the necessary carriage and equipments, be furnished as soon as practicable to Battery "A," First Light Artillery, W. N. G.

That sufficient amount be appropriated for the purchase of the necessary tactics, military works and army papers as may be necessary and profitably distributed to the several companies (about One Hundred Dollars).

That the limit of pages allowed the report of the Adjutant General be increased so as to enable him to print in detail the reports of Gen. Auer, in so far as it relates to his duties in connection with the recent disturbances at Spooner. The report of the Surgeon General and Col. Moore, so far as the latter relates to his duties in connection with the recent threatened trouble in this state. The report of Captain Charles Williams. Assistant Quartermaster, so far as it relates to his duties in company with the Inspecting Officer of this state, and finally, only so much of the report of the Colonel and Inspector General as may be profitable to the organizations concerned.

Unless permanent buildings are provided, there should be canvas enough to place the brigade in camp when necessary or desired.

The Assistant Quartermaster should be sent around to inspect property about the 1st of March yearly so that he will finish before the end of the inspection by the Assistant Inspector General.

# Report of Inspection.

The result of Capt. Williams' inspection this year has proved the necessity for it, and the wisdom of continuing it. He has by his thorough examinations found property lost to the amount of about \$400, which being charged to the several companies and taken from their allowance for the next year is in the nature of a saving to the state. Besides this, his visit of inspection this year has found remarkable improvement in the arrangement and care of the state property in the store rooms and lockers. This alone is well worth the small expense of his trip.

There should be orderly boards for each tent and regiment made (as personally suggested) by the Quartermaster Department for use in camp. Instructions should be given to each Colonel of regiment concerning the issuing of regimental orders, directing captains of companies to appoint tent and company orderlies, whose duties can be explained to them in person. For the use of the Guard as a whole I would suggest that Gen. Ordway's pamphlet on street riot drill and some small work on court martial duty (Murray's Instruction for Court Martial is very good), be placed as soon as possible in the hands of every company officer.

It is respectfully recommended that if there is no such law, one be recommended to the proper authorities by which a National Guardsman may be protected against loss from discharge by his employer, while the soldier is on duty under orders to suppress riot or disorder in the state or elsewhere.

Finally, as it is done in most states to which they are detailed, it is respectfully recommended that the officer on duty with the National Guard in this state be "ex-officio" a member of the Governor's staff. The officer on duty at the University can now "ex-officio" be a member of the Governor's staff and for more reasons (which are apparent) the Inspector of the Wisconsin National Guard should have the official position to which this remark applies. This recommendation applies to the position and not to the present incumbent.

As soon as it can be done, it is earnestly recommended, that

# Report of Inspection.

the Guard be supplied with the Merriam pack, which by various tests, has proven its superiority to others.

#### SIGNAL CORPS.

There should be organized a signal corps so that at least forty men in the whole Guard may become proficient in that duty.

To the Wisconsin National Guard as a whole my appreciation and thanks are due for their uniform testimony of respect and kindly feeling for the writer of these lines. My pleasure in their great progress the past year, and confidence in them as soldiers is second only to that which I trust they themselves will experience, when the results of my years's labor as Inspector shall be made known to them.

To the Adjutant General in person I desire to express my most earnest appreciation of his marked courtesy to the Asst. Inspector, and my admiration of his ability in the office of Adjutant General he now fills so satisfactorily and with such great good to the Wisconsin National Guard. For the many instances in which recommendations from me have been acted upon favorably. I desire to express my thanks, and with them a hope that those now submitted may meet with a similar reception.

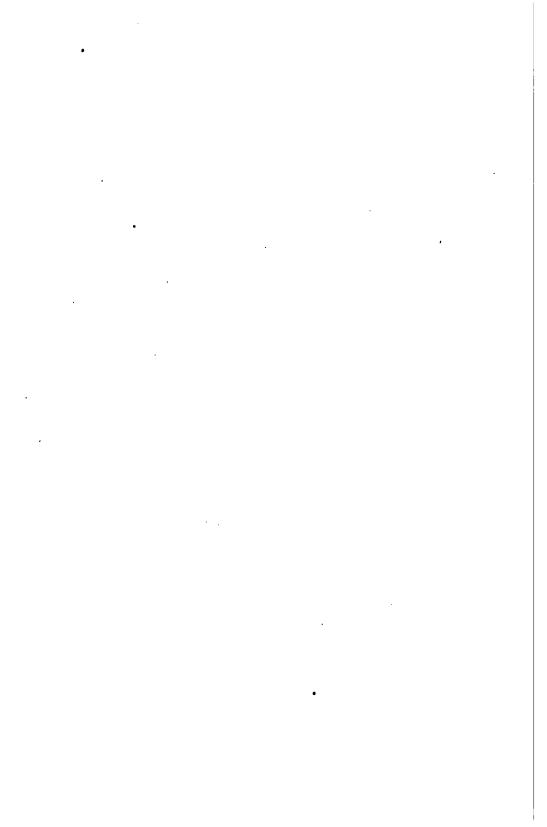
Very respectfully.

Submitted by

W. L. BUCK.

1st. Lient. U.S. A.

Col, and Insp. Gen'l W. N. G.



# **BIENNIAL REPORT**

OF THE

# Quartermaster General

OF WISCONSIN,

FOR THE

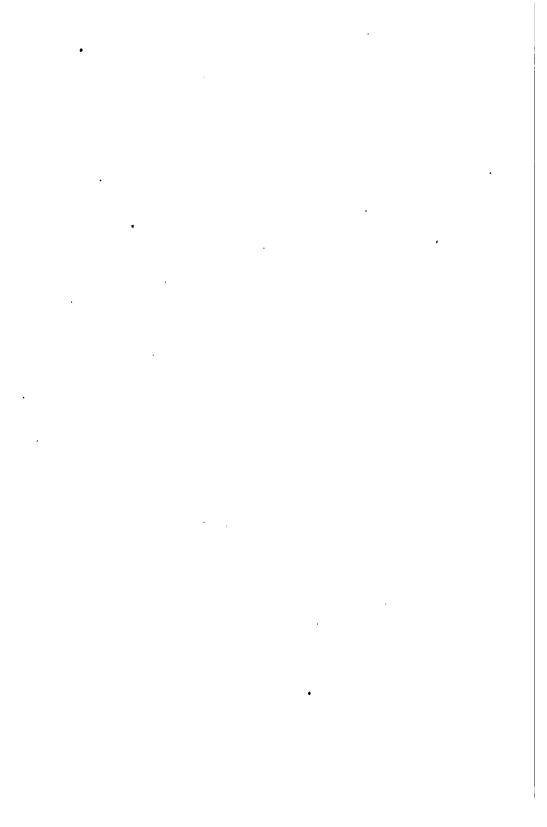
Two Fiscal Years Ending September 30, 1894.



MADISON, WISCONSIN:

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1895.



# BIENNIAL REPORT

OF THE

# Quartermaster General

OF WISCONSIN,

FOR THE

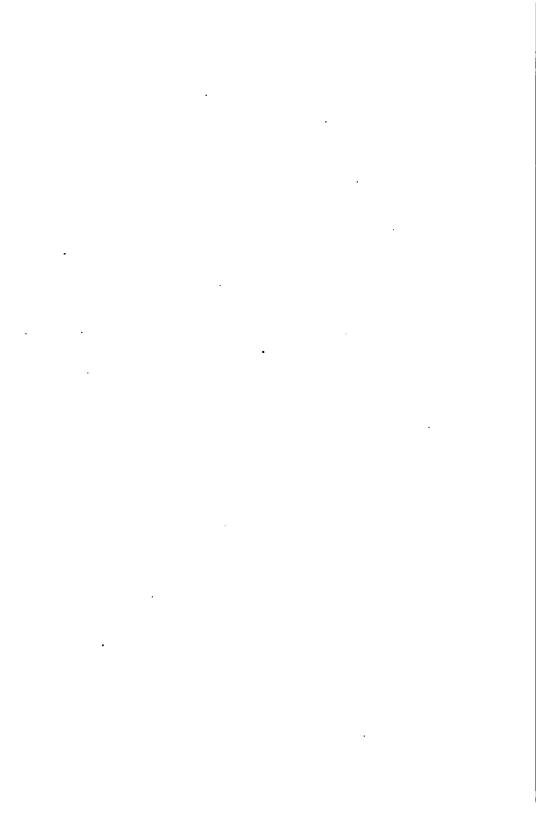
Two Fiscal Years Ending September 30, 1894.



MADISON, WISCONSIN:

DEMOCRAT PRINTING COMPANY, STATE PRINTER.

1895.



### BIENNIAL REPORT

OF THE

# QUARTERMASTER GENERAL.

To His Excellency, George W. Peck, Governor and Commander in Chief.

SIR.—Section 28 and section 468, chapter 292, laws of 1893, state:

Section 28. The quartermaster general shall be commissary general and chief of ordnance. He shall have an office at Madison and keep it open during the usual business hours every day. He shall have charge of the military property of the state, and carefully preserve, repair and account for the same; shall keep in such manner as the governor shall direct, and subject to his inspection, an account of all moneys received and expended by him; perform the customary duties of his office, and of the office of commissary general and chief of ordnance, and have the custody of all records, returns and papers pertaining to such offices; and he shall biennially, on or before the first day of October, render a report to the governor to be by him laid before the legislature, giving a detailed statement of all moneys received and expended by him, of all military property belonging to the state and remaining on hand at the date of his last biennial report, and such as may have come into his possession after such date, and from what sources the same has been received and to whom issued or how expended and upon whose order, and the condition of the property remaining on hand; also showing who has the possession, and the condition of all military property issued under the military laws, so far as the same has been reported to him.

Section 468. The quartermaster general, under orders of the commander in chief, shall have the care and custody of the state camp grounds and all military property of the state, except such as is by law or regulations expressly intrusted to the keeping of other officers. He shall provide transportation, purchase, issue and receive all military property and supplies of every description.

In accordance with these sections, I have the honor to submit,

as required by law, the following report of the quartermaster general's department, showing as nearly as possible the transactions for the past two years, from October 1st, 1892, to September 30th, 1894.

#### CLOTHING.

Purchased under section 31, chapter 292, laws of 1893. The issue consisted of fifty blouses, fifty trousers, fifty fatigue caps, fifty cap ornaments and the necessary number of chevrons and stripes for each company of infantry, troop and battery; also twenty-four blouses, trousers, caps and cap ornaments to each regimental band. The contract for the blouses and trousers was let to David Adler & Sons, of Milwaukee, and for the caps, cap ornaments, chevrons and stripes to the Pettibone Manufacturing company, of Cincinnati, Ohio. The material used in the manufacture of the uniforms was the same as sample furnished by the quartermaster general, United States Army.

The measurements for the uniforms for the First, Second and Third Regiments, and the regimental bands, were taken by Capt. Charles Williams, assistant quartermaster, while those for the Fourth Regiment, battery and troop, were taken by the contractors. Company commanders were required to report on the fit and workmanship of the uniforms issued to them, and with few exceptions, the reports received were very satisfactory. Unserviceable clothing in the possession of companies has been ordered returned to this department for disposal. The campaign hats and leggings now in use were issued in 1891, and are so badly worn that it will be necessary to replace at least a portion of them this coming year.

It has been the custom of this department for years past to make fifty the basis for issue of clothing and equipments. The laws of 1893 require that the maximum strength of a company shall be sixty eight officers and enlisted men—the average strength of each company is over sixty men—and should occasion ever require the mobilization of the entire state force, one-

fourth of the enlisted strength would be unavailable, owing to the lack of a sufficient number of equipments for the companies.

During the past two years nearly one-half of the companies had an attendance of over fifty men during the camp. Many of the members of these companies were compelled to come into camp without proper equipment, and complaints were very numerous from company commanders owing to this cause, especially as they were compelled to be inspected with the entire field equipment.

It is earnestly recommended that when issues of clothing are made in the future, each company be supplied to its maximum strength; also that each company be equipped to sixty with overcoats, campaign hats, leggings, blanket bags, haversacks and canteens.

Blankets authorized by law to be issued to the troops have never been supplied. The blanket is a very necessary article to a soldier's equipment, and no body of troops can be considered fully equipped without it.

Inasmuch as the companies now have two complete uniforms, and it will not be necessary to make another issue of clothing until 1897, it is recommended that blankets be purchased from the clothing fund available for the years 1895 and 1896.

Early in the year 1893, the provisional companies at Marsh-field, Ashland and La Crosse, together with new organization at Milwaukee, were mustered into the service of the National Guard. These companies were fully equipped from supplies on hand in the ordnance department, overcoats were drawn from the allowance from the general government, and clothing purchased under contract with David Adler & Sons, of Milwaukee.

#### WISCONSIN MILITARY RESERVATION.

Owing to the fact that the reservation had been used by the public as a pasture for their cattle, and that the people from the surrounding country crossed the reservation ad libitum, thereby making different roads and cutting up the land, it was deemed advisable early in the spring of 1893 to fence in such

part of the reservation as was being permanently injured. This was done, and we now have two miles of wire fence of three wires, with posts set eight feet apart. Many of the buildings were found to be in inconvenient positions, and the governor's cottage, staff headquarters and hospital were moved to their present position.

There was added to staff headquarters a large addition, to be used by visiting officers as a sleeping apartment.

There was also a want of sufficient office room; both for general headquarters and for use of the regimental adjutants, which was overcome by building the present administration building, in which all the offices are located, together with an office for the Western Union Telegraph Co., which has proved a great convenience.

Stables were found to be wholly inadequate for the accommodation of the horses used by Battery "A," First Light Artillery, and Troop "A," First Cavalry, and stables were built to accommodate fifty-six horses, and the old ones removed from their position near the officers' mess to a more retired place.

There was cleared in the year 1893 over 100 acres of land, which can now be used for the drilling and maneuvering of troops, and adding very materially to the general appearance and utility of the reservation.

Perhaps the best and most enduring of the many improvements made during the year 1893, under the supervision of the then Quartermaster General, Otto H. Falk, will be found in the stone parapet for the markers' shelter on range No. 3; this was built of stone found on the range and so constructed as to be permanent.

The earth work in front of the wall was sodded, and the markers' pit and parapet will need but slight repairs in the future. A large quantity of grass seed of different varieties has been sown on the reservation during the past two years with indifferent results, although a part has been successful, timothy having proved a failure, the different clovers the most successful; red top partially successful.

During the last year the camp grounds have been materially enlarged. This was accomplished by moving the guard house seventy-five feet to the rear and fifty feet to the east; also by moving company kitchens about seventy-five feet to the rear, so that there is now ample room to properly lay out the camp, also adding to the comfort and health of the troops. A new canteen or sutler's store has been erected of very neat appearance and very convenient for the purpose for which it is intended. It was built by Mr. Wilcox, who besides giving the building to the state, paid one hundred dollars for the canteen privilege of the past season.

Provision has been made for lighting the camp at night by the purchase of forty street lamps of serviceable design, and which have been placed at the head of the company streets, in the rear of the company kitchens, and in front of all the buildings, as well as around the camp grounds, so that in the darkest nights the grounds are well lighted.

A store room was built for the officers' mess. The mess building was also enclosed and a new floor laid, thereby improving the appearance and adding to the comfort of the mess.

It is with great satisfaction that I refer to the greatest improvement, in my opinion, accomplished in the year 1894, namely, that of supplying the reservation with water. A well has been sunk in the rock of sufficient capacity to supply the whole reservation with an abundance of pure water, it is connected with a complete system of water works, distributed through hydrants, at convenient intervals through the camp, and in the rear of all the buildings.

A bath house has been erected and connected with the water system, so that we now have twenty showers, supplied with hot and cold water, with separate dressing rooms for each.

#### TRANSPORTATION.

Troops have been moved to and from camp by special trains, and the service has been excellent, scarcely a complaint has been made by the officers in command of the troops. The rail-

road companies have been very prompt in handling the business of this department during the past two years, and special thanks for courtesies are due to E. W. McKenna, assistant general superintendent, C., M. & St. Paul railway; Col. W. J. Boyle of the C., M. & St. Paul railway, and Mr. F. J. Hall of the C. & N. W. railway.

#### TENTS.

During the two years forty 9x9 and four hospital tents have been received from the United States government and were in use during the past encampment of the troops. The large attendance in camp during the past year will warrant the recommendation that at least thirty 9x9 tents be purchased in order to prevent the crowding of the men in the larger regiments. Nine hospital tents and fifteen 9x9 tents in the possession of the state are in an unserviceable condition and should be replaced this coming year.

This department has received numerous applications from social as well as semi-military bodies for the loan of tents; this request has been refused in every instance.

#### PROPERTY.

Until two years ago, practically no system of property accountability had been in vogue. During the past year this department has made every effort to perfect a system by which all property may be properly accounted for. The old property return used by this department for years has been replaced by a new one, and company commanders have been required to make semi-annual returns accounting for all property issued to them during the period, and to show exactly what property remains on hand and accounting for property expended, lost or destroyed. Inspections of property have been frequent and where shortage was found, the value of the same has been withheld from the company allowance. The system of keeping the records and books in this office, while a great improvement over what it has been heretofore, is by no means perfect,

and may really be considered as merely an experiment. A complete system has been mapped out, and will be put in use as soon as circumstances will permit. The inspection reports of 1893 show that nearly every company was short of property by reason of losses and property becoming unserviceable and dropped. During this year the companies were issued a sufficient amount of property to equip them to the established basis.

#### ARMS.

The rifles now in use may be considered as practically unserviceable. More than three-quarters of those now in use are of the model of 1872, and were handed down to the present companies by the old time militia organizations in a battered and rusty condition. The guns of the latest model (1884) have been in constant use for the past seven years and are rapidly becoming useless for satisfactory work on the range. plaints have been received from nearly every company commander that they are unable to do good work on the range with the rifles in their possession. There is not a company in the service that has over ten rifles that can be used with good results on the range. I fully realize that it will be some years before the state troops can be supplied with a new rifle. U. S. Army is about to be supplied with a new rifle, and as the "Springfields" now held in reserve at the different arsenals will soon be obsolete, I recommend that an effort be made to induce the U.S. government to issue these guns to the state troops. All guns found by the inspectors needing repairs were ordered returned to this department, have been repaired and returned to companies.

#### RECOMMENDATIONS.

I suggest the following recommendations for the improvement of the reservation:

Moving of Hospital.—The medical department has complained with justice that the hospital building is not properly constructed for the care of patients and that the building is

located entirely too near the camp. The interior of the building should be so arranged that those confined to the hospital will not be disturbed by the men who come there simply for the treatment of slight ailments.

1 recommend that the building be removed to a more suitable location and that the interior of the building be so arranged, as to provide a ward for the sick; a prescription and consultation room; also a room for the medical officer in charge.

Officers' Building.—That the officers' building be moved to where the hospital building now stands.

Bath House.—That the bath house be increased by adding at least twenty showers to the same.

Sewerage.—That a system of sewerage be arranged to carry off waste water from the bath house and hydrants, and especially those at the kitchens.

Sinks.—The present system of sinks is undesirable, not alone in regard to the appearance of the grounds, but also the expense of moving the same every few days, and more especially from a sanitary point of view. With a system of sewerage and the present system of water works, permanent water closets could be easily and cheaply established.

Underbrush.—That the underbrush be removed from the whole reservation, excepting the bluffs, thereby nearly doubling the amount of ground available for the drilling and maneuvering of troops.

Range No. 5.—It will be found necessary to repair the parapet on range No. 5 and I would recommend that the work be made permanent by using stone as was done on range No. 3.

Telephone.—That the telephone lines on the several ranges be laid under ground.

Fencing.—That the top board on the fence be completed and the fence painted.

Walks.—That the grounds in and about the camp be laid with walks of either gravel, asphalt or cement.

Store Room.—That a fire-proof store room be constructed.

Side Tracks.-That the railroad companies be asked to lay

a side track into the grounds for the convenience of receiving and removing baggage and supplies.

Custodian.—It seems to me that economy can be exercised in the selection of a custodian for the reservation; while those who have held the position of custodian have been very energetic and capable and have met every requirement asked of them, it might be well in the future to engage for the position of custodian, a man who is willing to do manual labor and one who is a sort of a "Jack of all trades" the state to furnish a team and wagon; I am sure that a great deal of work which is now dearly paid for, could be done by such a man with A great portion of the work and improvements made during the past two years has been done under contract, and to a great extent, been supervised by an officer of this department; therefore, continuing this system obviates the necessity of a custodian who is capable only of superintending the work. A custodian should be capable and required to attend to the keeping up of the condition of the range, pits, fences, buildings, grounds and machinery, with the smallest amount of expense for additional help.

#### FINANCIAL.

The accompanying financial report shows a total expenditure:

For the year 1893	:::::::::	\$20,104 54
For the year 1894	550 00	48,838 71
TotalCredit		\$78,448 25
Total expenditure for two years		\$62,575 80

The expenses for the year 1894, being more than \$22,000 in excess of 1893, is due to the purchase of clothing, amounting to \$18,888.31; by reason of increased cost of railroad transportation owing to the large attendance at camp and the vast improvements on the military reservation at Camp Douglas.

The "credit" as will be seen from the annexed report was received from rental of canteen, and the amount received for in-

surance on property destroyed in armories of Co. "A," 2d Inf. and Co "F," 1st Inf.

With the annual appropriation of \$3,000 for the permanent improvement of the military reservation at Camp Douglas, it is a question of only a few years when the reservation will be perfect in every detail.

Before closing this report, I desire to extend to your excellency my thanks for the many courtesies received at your hands. Your experience with, and your love for, the "National Guard," made the work and duties of this office a pleasure, for in every instance when I came to you for advice in any matter pertaining to the welfare and the advancement of the Guard, I found in you a hearty co-operator. In the person of Adjutant General Falk, my predecessor, with his vast experience in the affairs of the "National Guard," I found a valuable counsel, and one always ready to assist in anything that was of benefit and value to our state troops. The clerical work in the department was carefully and well looked after by Major Wm. Mahoney, assistant quartermaster general, and Capt. Charles R. Williams, assistant quartermaster, both of whom I found ready and willing at all times to respond to any call and carry out any duty that was assigned to them. All of which is respectfully submitted.

LOUIS AUER,
Quartermaster General.

# EXPENDITURES.

# SCHEDULE.

GENERAL FUND.	
September 30th, 1992, to September 30th, 1993.	
Mrs. D. McCarll, washing blankets	\$15.98
J. P. Kalt. meals turmshed 4th infantry, Milwaukee fire	28 101
Capt. H. W. Ellis, extra norse bire.	800 00 859 46
J. R. Winkler, subsistence, camp C. R. Williams, expenses, Chicago	88 07
C. R. Williams, expenses, Chicago C. R. Williams, expenses as Q. M. W. R. team, Ft. Sheridao	90 00
Louis Auer & Son. premium on it surance buildings W. R. R	50 00
Armory riding school, horse hire, Milwaukee fire	23 00 25 00
M Theirbach & Co., banner C. B. Williams, Wisconsin rifle range.	25 00 184 00
August Schelbel, hardware	8 50
C. R. Williams, labor Q. M. dept. Capt. W. J. Grant, expenses L. H. S., wor'd's fair dedication	49 00
Capt. W. J. Grant, expenses L. H. S., world's fair dedication	247 50 21 78
Capt. O. B Zwietusch, expecses at world's fair dedication Henry Minor, labor on ice house, W. M. R J. H. Hardy, paid labor and mdse., ice house, W. M. R. Dwight Hodge, labor on ice house, W. M. R. John Singleton, lumber & mdse. for ice house, M. W. R. W. F. Hardy, labor on ice house, W. M. R. C. R. Williams, labor, Q. M. dep't J. H. Clark, mdse H. H. H. srdy, labor paid, W. M. R. C. R. Williams, labor, Q. M. dep't. J. Williams, labor, Q. M. dep't. J. Williams, labor, Q. M. dep't.	21 78 21 00
J. H. Hardy, paid labor and more, ice house, W. M. R.	10 97
Dwight Hodge, labor on ice house, W. M. R	11 15
John Singleton, lumber & mdse. for ice house, M. W.R	118 84
W. F. Hardy, labor On ice nouse, W. M. K.	24 00 49 00
J. H. Clark, mdse	11 06
H. H Hardy, labor paid, W M R	7 85
C. R. Williams, labor, Q. M dep't	98 50
J. Huels, repairing gattling gun S. E. Jones, firing cannon Washington's birthday Gen. J. N. Reese, medals for rifle team, inter-state competition	17 00 10 00
Gen. I. N. Reese medals for rifle team, inter-state competition	16 66
	60 00
Fred Hueis, 100 cartridges 12 Pdi gun	00 001
Williams, 1800 cartridges 12 Pdi gun Wm. Frankfurth Co., mdse Joys Bros. & Co., 14 saddle bags, canvas. H. W. Allen & Co., horse equipments for staff	0 11
JOYS BYON, & Co., 14 Saddle Dags, Canvas.	14 00 628 00
H. Strelow, cleaning overcoats.	628 00 8 50
H. Strelow, cleaning overcoats. K. F. Steul, cartage	18.80
M Theirbuch & Co moise	18 75
T Buffmire leher W M R	21 00 48 00
Chas. Stickney, labor W. M. R.	19 66
Dver Saddle Oo., mdse L. Buffmire, labor W. M. R. Chas, Stickney, labor W. M. R. C. R. Williams, labor Q. M. Dept	180 00
C. R. Williams, Isoor Q. M. Dept. Chas. Webrmann, repairing saddles D. R. Jones, drugs Croll & Volger, seeds for W. M. R. Drake Bross, drugs C. R. Williams, Isoor Q. M. dept. Mrs. Della McCarll, covering canteens.	8 50
Oroll & Volcon goods for W. M. P.	13 75 79 60
Drake Bros. drugs	1 62
C. R. Williams, labor Q. M. dept	67 50
Mrs Della McCarll, covering canteens	20 25
Nm. Alds, hay for W. M. R	62 22 6 00
Wm. Alds, hay for W. M. R. Ramsey & Lordal, mdss. John Gallagher, repairing tents. J. H. D. Baker & Co., mdse for W. M. R.	22 30
J. H. D. Baker & Co., mdse for W. M. R.	21 20,
M. C. Lilley & Co. state flag Pabst Hotel, meals—staff General O. H. Falk, expenses Q. M. Genl. W. J. Park & Sons. Blunt's Manuals	180 00
Pabst Hotel, meals—staff	15 60
W I Park & Sone Rhint's Manuals	182 10 ₁ /
James Morgan, blankets, mose, for W. M.R.	150 (12
John Greig, cots and chairs for W. M. R	98 00;
W. J. Park & Sons, Blutt's Manuals  James Morgan, blankets, mdsc. for W. M. R.  John Greig, cots and chairs for W. M. R.  W. Mahoney, labor W. M. R.  C. R. Williams, expenses—inspecting and pay  Western Union Tel. Co., telegrams W. M. R.  M.s. John Singleton, meals furnished W. M. R.	448 90
Western Union Tel. (b. telegrams W. M. R.	184 25
M.s. John Singleton, meals furnished W. M. R.	23 38 278 00
Gray Graham, reloading shells Capt. H. W. Ellis, paid for painting cannons F. F. Proudfit, expenses—camp J. M. Washburn, blacksmith work W. M. R. C. H. Moton, hundresse.	(a) (b)
Capt. H. W. Ellis, paid for painting cannons	85 00
I M Washburn blacksmith work W M P	4 15 19 90
C. H. Hoton, hardware	41 07
	22 22
C. H. Hoton, hardware W. T. Hardy, labor W. M. R. L. W. Brown labor W. M. R.	50 75 97 00

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GENERAL FUND—Continued.		
L. E. Gleason & Son, oats and feed for artillery and cavalry W. M. R.	<b>2</b> 115 19	· •••••
W. M. R. L. Buffmire, labor and teaming W. M. R. Milwaukee Paste Co., 6 bbis, paste W. M. R. W. Mahoney, mise, for W. M. R. W. Mahoney, paid labor and teaming W. M. R. Wm. Mahoney, expenses Wm. Mahoney, paid labor—competition, W. M. R. Wm. Mahoney, sundries and expenses. Wm. Mahoney, paid labor—competition Madison Hardware Co., hardware. August Schelbel hardware	66 12	
W. Mahonev. mdse. for W. M. R.	17 25 156 72	••••••
W. Mahoney, paid labor and teaming W. M. R.	961 37	
Wm. Mahoney, expenses	19 00 197 65	······································
Wm. Mahoney, sundries and expenses.	80 40	
Madison Hardware Co. hardware	153 00 15 06	
August Scheibel, hardware	18 29	
Wm. Mahoney, paid for repairing tents Hinrich s & Thompson, mdse, for rifle comp	19 25 17 04	
John Greig, mdse, camp  General Otto H. Falk, expenses Q. M. General.  Chas. Baumback Co., drugs  H. Streiow, cleaning uniforms.  Jas. Babcock, labor W. M. R.  Wm. Whatfurth. H. Co. mdee	2 25	
General Olto H. Faik, expenses Q. M. General	64 22 49 1s	
H. Strelow, cleaning uniforms.	4 00	
Jas. Babcock, labor W. M. R	20 (0)	
K. F Steuel, drayage	22 75	
Wm Frankfurth, H. Co., mdse K. F. Steuel, drayage. Westlake De La Hunt Co., envelopes Q. M. department Western Union Telegraph Co., telegrams	2 25 6 92	···· ···
	0 92	\$6,686.78
SALARY.	j	
September 30th, 1892, to September 30th, 1893.	;	
General Falk, Q. M. General.  Major Wm. Mahoney, Asst. Q. M. General.	\$499 92	
Major Wm. Mahoney, Asst. Q. M. General	1,390 00- 300 00	
Capt. C. R. Williams, asst. quartermaster J. H. Hardy, custodian W. M. R.	720 00	
· · · · · · · · · · · · · · · · · · ·		1,699 92
TRANSPORTATION.		
September 80th, 1892, to September 30th, 1898.		
Chicago, Milwaukee & St. Paul Ry	\$3,681 52	
Chicago & North Western Ry. Co	8 48	
Illinois Central Ry. Co.	1 11	*******
Illinois Central Ry. Co. Chicago, St. Paul, Minn & O. Ry Milwaukee, Lake Shore & W. Ry	1, 100 13 487 49	
WISCONSIN MILITARY RESERVATION.		7, 149 31
September 30th, 1892, to September 30th, 1893.		
	<b>6000</b> 00	
L. Buffmire, building stone wa'l pit, range 3	895 00	
I. Ruffmire, drilling well and recairing numns	52 00	
Geo. Wanderlig, moving building John Singleton, lumber John Singleton, building fence	191 47	
John Singleton, building fence		
R. Schroeder, building stables.	248 00	2,112 87
FREIGHT AND CARTAGE.		_,,,,,
September 30th, 1892, to September 30th, 1893.		
Chicago, Milwaukee & St. Paul Ry. Co., freight	\$152 99	
Chicago & North-Western Ry. Co., freight	107 99 64 95	
, <del>-</del>		385 93
CLOTHING.		!
September 30th, 1892, to September 30th, 1893.		ı
M C. Lilley & Co., 50 cap ornaments	<b>\$</b> 3 50	••••••
M. C. Lilley & Co., 50 cap ornaments David Adler & Sons, uniforms for Co. "L," 2nd infantry, and Co. "D," 1st infantry.	755 25	
-, :		

CLOTHING-Continued.		
Pettibone Mfg. Co., chevrons and stripes	\$15 78	
Pettipone Mfg. Co., caps. ornaments, chevrons and stripes for Co. "L," 2nd and Co. "D," 1st	185 78	
2, 22, 22, 23, 23, 23, 23, 23, 23, 23, 2		980 2
Total expenses 1893		\$20, 104 5
GENERAL FUND.		
From September 80th, 1893, to September 80, 1894.		
Western Union Telegraph Co , telegrams	\$4 59	
Wisconsin Telephone Co , rental, telephone for W. M. R	58 40	
Frod Husia vanairing gailling glina	22 00	
Mrs. John Singleton, mesis during competition	40 00	
Gen. O. H. Falk, services of stenographer Capt. C. R. Williams, expenses Asst. Q. M.	25 00	
Capt. C. R. Williams, expenses asst. Q. M	11 00	
Mrs. D. McCarli, washing blankets.	16 00	
Gen. O. H. Falk, services of stenographer Capt. U. R. Williams, expenses Asst. Q. M. Maj. Wm. Mahoney, expenses Asst. Q. M. Gen. Mrs. D. McCarll, washing blankets. Gen. O. H. Falk, Q. M. Gen. J. M. Washburn, shocing horse and repairing wagon.	18 00	
Gen. O. H. Falk, Q. M. Gen. J. M. Washburn, shoeing horse and repairing wagon	1 50	
Capt. C. R. Williams, expenses measuring companies for uniforms. Hough & Han :hett, expenses at funeral of Private Paylor, Co. E.	115 00	
1st. Infantry	5 50	
John Graham, powder and reloading shells	1 90	
Maj. Wm. Mahoney, expenses Chas. L. Stickney, labor cutting ice W. M. R	~ ~	1 · · · · · · · · · · · ·
Chas. L. Stickney, labor cutting ice W. M. R.	14 90 45 00	
Mai Wm Mahunes expenses Hurles relief	66 10	
L Buffmir-, hauling loe and labor Maj. Wm. Mahoney, expenses Hurley relief		
	15 00	
Geo. Brumder, 1 copying book	1 25	
Wm Alde has for W M P	190 UU	
J. H. Stark & Co., lumber for stretchers	8 20	
Wm. Frankfurth Co., mdse. for stretchers	8 00	
Capt. H. W. Ellis, paid for repairs on gattling gun.  Wm. Alds, hay for W. M. R.  J. H. S'ark & Co., lumber for stretchers  Wm. Frankfurth Co., mdse. for stretchers  John Topp & Bro., ducking for stretchers  Capt. H. A. Wood, paid for repairing and cleaning property dames	10 89	
Capt. H. A. Wood, paid for repairing and cleaning property damaged by fire  Jas. Purcell, repairing tents. Capt. C. R. Williams, expenses. H. F. Windsor, labor on survey W. M. R. J. L. Bver, labor on survey W. M. R. J. L. Bver, labor on survey W. M. R. Marlison Hardware Co., md.s. Q. M. Dept. A. H. Hollister, boxing for Q. M. Dept. Maj. Wm. Mahoney, expenses Asst Q. M. Gen. Maj. Wm. Mahoney, oxing mdse for Q. M. Gen. May. Wm. Mahoney, boxing mdse for Q. M. Gen.	69 00	
Jas. Purcell, repairing tents.	19 00	
Capt. C. R. Williams, expenses.	87 25	
H. F. Windsor, labor on survey W. M. R	11 25	
John Patterson, survey and man W. M. R.	55 00	
Madison Hardware Co., md.s. Q. M. Dept	Z1 Z'	1
A. H Hollister, boxing for Q. M. Dept	8 00	1
Maj Wm. Mahoney, expenses Asst Q. M. Gen	22 00 13 26	
August Scheibel, brass hooks	8 40	
John Larson & Co., engraving marksman buttons	8 00	
Cant. C. R. Williams, excenses inspecting W. N. G.	61 00	
Gen. Louis Auer, expenses Q. M. Gen. Frank Cornelius, expenses juneral of Private Geo. Clary, Co. K. 1st Infantry, killed at W. M. R	28 19	
1st Infantry, killed at W. M. R.	20 00	
P. H. Conley, paid for digging grave of Private Clary.  Chas. Wehermann, 6 doz. stretcher slings and one half doz. bridle	8 00	
Chas. Wehermann, 6 doz. stretcher slings and one half doz. bridle	40.00	1
reins Jen. Louis Auer, expenses staff at Madison.	40 50	¦
Milwauken Ruggy Co., wagon for W. M. R	45 00	
A. B. Cambier, maps of W. M. R	25 00	
Milwaukee Buggy Co., wagon for W. M. R. A. B. Cambier, maps of W. M. R. Maj. Mahonev, mdse for Q. M. Dept	8 75	
Maj. Wm. Mahoney, telegrams	8 86 04 98	
Maj. Wm. Mahoney, telegrams Maj Wm. Mahoney, expenses asst. Q. M. Gen. Parker Pen Co. pen holders G. M. Barrett, hose and reels for W. M. R.	5 00	
G. M. Barrett, hose and reels for W. M. R.	97 28	
J. H. Hardy, treight paid of stores	5 08	
Brigham & Co., coal for W. M. R.	109 61 52 00	
J. H. Hardy, freight paid of stores Brigham & Co., coal for W. M. R. Hecht & Zumach, paints for W. M. R. General Louis Auer, expenses Q. M. Gen F. J. Pfannerstill, moving guard houss, bath house, and extra		
F. J. Plannerstill, moving guard house, bath house, and extra		1
work on water works	000 10	i

	•
GENERAL FUND—Continued.	
Kipp Bros., cots, mattress s and pillows	\$40.86
Wm. grankfurth Hardware Co., mdse for camp	15 06
Milwankee Paste Co., paste, camp	8 25 8 (0
Milwankee Paste Co., paste, camp H. Scheftels & Sons, oil heater G. M. Barrett, 50 tt. hose, W. M. R	56 00
Globe Light & Heat Co., street lamps and posts for W. M. K.	199 75
Hecht & Zumach, paints for W. M. R	81 20
J. H. Clary, funeral expenses son killed at W. M. R. M. Tinncan, oats for troops during camp at W. M. R. Capt, H. W. Kilis, 8 prs. draft springs for Light Battery	75 00
M. Tinnean, oats for troops during camp at w. M. K.	
M. I. McLauchlin, 2 doz. hoat studis	65 85
Chas. McPherson, labor, camp W. M. R.	60 00
Thos. Ryan, labor, camp W. M. R	44 62
Jas Morgan, ondse. for camp	16 01 98 20 98 50
August Scheibel, muse, for Q. M. Dept	95 20
Dennis Nauh Jahor camp W M R	
Andrew Wilson, cartage, cam, W. M. R.	5 00
Wm. Alids, cartage, camp W. M. R	14 87
R Hodges, labor, camp W. M. R	18 75
U. Hodges, labor, camp W. M. K	5 00
Capt. H. W. Kills. 8 prs. draft springs for Light Battery M. J. McLaughlin, 2 doz. boat stools Chas. McPherson, labor, camp W. M. R. Thos. Ryan, labor, camp W. M. R. Jas Morgan, indse. for camp August Scheibel. mdse. for Q. M. Dept John Singleton, labor and team, camp W. M. R. Dennis Nash, labor, camp W. M. R. Andrew Wilson, cartage, cam, W. M. R. Wm. Alids, cartage, cam, W. M. R. R. Hodges, labor, camp W. M. R. D. C. Hodges, labor, camp W. M. R. W. T. Hardy, labor, camp W. M. R. Leo Witkinson, labor, camp W. M. R. H. F. Miner, labor, camp W. M. R. L. Buffuire, labor, man and team, camp W. M. R.	8# 00 55 50 58 25
H. F. Miner, labor, camp W. M. R	58 25
L. Buffmire, labor, man and team, camp W. M. R	118 85
John Singleton, lumber and labor, W. M. R	
John Roberts, labor, camp W. M. R.	18 15
Tog Karwin tahur camp W M P	NS 00
General Louis Aver. expenses O. M. Gen	18 15 11 100
Leo Wilkinson, labor, camp W. M. R. H. F. Miner, labor, camp W. M. R. L. Buffmire, labor, man and team, camp W. M. R. John Roberts, labor, camp W. M. R. John Roberts, labor, camp W. M. R. John Grieg, mattresses and pillows. Jas. Ker win, labor, camp W. M. R. General Louis Auer, expenses Q. M. Gen Henry Gugier, printing maps military reservation John Gerbix, labor, W. M. R. Jas. Ker win, labor, W. M. R. O. B. Zwietusch, 2 medals for competition	52 tO
John Gerbig, Isbor, W. M. R	5 62
Jas. Kerwin, labor, W. M. K	100 00
One of the statement fractions on our allies	* *
Capt. John Salaman, treight on supplies John Gallagher, repairing tents Major Wm. Mahoney, telegrams during camp W. M. R	274 700
Major Wm. Mahoney, telegrams during camp W. M. R	01 10
Maj. Wm. Mahoney, express on supplies, camp Capt. C. R. Williams, expenses inspecting W. N. G., and	64 61
capt. ic. R. williams, expenses hispecting w. N. G., and	118 00
amount peid for two carts for camp  amount peid for two carts for camp  M. general  wareness Telephone Co. rent of telephones during camp and	8 10
Wisconsin Telephone Co, rent of telephones during camp and	i
	64 59
Maj. Wm. Mahoney, paid for labor—teaming, camp and compe-	1,242 81
Maj. Wm. Mahoney, paid for labor—teaming, camp and competition W. M. R  Maj Wm Mahoney, washing, mdse. and expense W. M. R	1,242 81 455 98,
and the minority, wanting, many are trapents to an incident	\$5,068 40
BALARY.	
September 80th, 1898, to September 80th, 1894.	!
General Falk, Q. M. GenGeneral Auer, Q. M. Gen	\$104 17 895 77 1,390 00 900 00
General Auer, Q M. Gen	1 380 00
Capt. C R Willia us. Asst. O. M. Gen	900 00
Maj. Wm. Mahoney, Asst. Q. M. Gen. Capt. (? R. Williams, Asst. Q. M. Gen. J. H. Hardy, custodian, W. M. R	7±0 00 7±0 00 3,499 99
TO A WODO DE A ETOW	3,499 30
TRANSPORTATION.	
September 80th, 1893, to September 80th, 1894.	j
Chicago, Milwaukee & St. Paul Ry. Co	\$758 10
Chicago & Northwestern Rv Co	300 /5
Chicago, St. Paul, Minn & O. Ry. Co	23 42
Unicago, St. Fatti, Minn. & O. Ry. Co Wi-con in Central Ry. Co  Hilinois Central Ry. Co	6 92
	1,742 85
BILLS CONTRACTED, NOT PAID UNTIL AFTER SEPTEMBER 30th, 1894.	
Chicago, Milwsukee & St. Paul Ry. Co	8, 978 99
·	

TRANSPORTATION—Continued.		!
Chicago & Northwestern Ry. Co. Chicago, St. Paul, Minn. & O. Ry. Co. Wisconsin Central Ry. Co	\$1,790 84 2,060 18 7 55	\$7,832 0
WISCONSIN MILITARY RESERVATION.		
September 30th, 1893, to September 30th, 1894.		i i
D. Nash, grubbing and clearing D. Nash, grubbing and clearing W. F. Hardy, labor L. Buffmire, labor and team Louis Auer & Son, premium—insurance on buildings and contents C. H. Hoten, glass and made D. Hodge, grubbing and clearing A. Albutson, grubbing and clearing Gleason & Son, grass seed John Singieton, lumber and nails Dennis Nash, grubbing and clearing Albert Albertson, grubbing and clearing Albert Albertson, grubbing and clearing	2 50 12 50 13 00 250 00 45 00 4 80 12 76 52 50	
D. Hodge, grubbing and clearing.  M. Mahoney, paid for repairing road around reservation	51 75 15 75 6 00	,
bath houses	8,000 00	8,957 5
FREIGHT AND CARTAGE.		5,65
September 30th, 1893, to September 30th, 1894.		-
Chicago, Milwaukee & St. Paul Ry. Co., freight. Chicago & Northwestern Ry. Co., freight Karl Steul, cartage.	58 50	624 5
Bills Contracted, Not Paid Until After September 80th, 1894.		!
Chicago & N. W. Ry. Co., freight	\$125 60 55 00	180 6
CLOTHING.		
September 30th, 1893, to September 30th, 1894.		
David Adler, Sons & Co., uniforms for W. N. G	•	
W. N. G J. A. Nemitz, blouses and caps for Second Infantry band	2,000 48 115 44	18,888 8
Total expenses, '94	•••••	<u>-</u>
CREDIT.		
CREDIT.  Amt. recd., rental of canteen 1893 and 1894, W. M. R.  Amt. recd., insurance for property destroyed in armory, Co. A, and Inf.  Amount recd., sale of property	466 95	

## Military Stores Received From United States.

#### SCHEDULE "A."

# Showing military stores received from the United States.

- 60 Saddles, Cavalry complete.
- 30 Bridles, Curb.
- 80 Saddle Cloth-Officers.
- 50 Prs. Saddle Bags, Leather.
- 50 Saddle Blankets Cavalry.
- 50 Horse Covers with Surcingles.
- 50 Halters complete.
- 50 Bayonets complete, Springfield Rifle.
- 400,000 Rifle Ball Cartridges.
- 150,000 Round Balls.
- 200,000 Cartridge Primers.
  - 3,000 Friction Primers.
- 400,000 Black Pasters.
- 80,000 Rifle Bullets.
- 1,000 Rifle Ball Cartridges, Cal. 30.
- 30,000 Rifle Blank Cartridges.
- 1,000 Revolver Ball Cartridges.
- 8,000 Revolver Blank Cartridges.
  - 5 Set Hand Re loading Tools.
  - 1 Set Bench Re loading Tools.
  - 420 Blanket Bags complete.
  - 420 Haversacks and Straps.
  - 200 Canteen Straps.
  - 50 Canteen Straps, Saddle.

- 150 Bayonet Scabbards.
- 200 Wood Wiping Rods.
- 550 Paper Targets A.
- 600 Paper Targets B.
- 200 Cloth Silhouettes D.
- 200 Cloth Silhouettes E.
- 200 Cloth Silhouettes F.
- 100 Paper Silhouettes E. 100 Paper Silhouettes F.
- 200 Hook Attachments.
- 675 Campaign Hats.
- 200 Overcoats--Infantry.
- 11 Overcoats--Artillery.
- 625 Prs. Canvas Leggins.
- 40 Wall Tents complete.
- 150 Paper Time Fuse.
- 15) Gun Slings.
- 10 Rubber Pouches.
- 4 Hospital Tents complete.
- 10 Sibly Tent Stoves.
- 50 Joints Sibly Tent Stove Pipe.
- 31 Saddle Blankets-Artillery.
- 20 Artillery Whips.
- 20 Linch Pins No. 1.

## Property in Possession of First Artillery.

#### SCHEDULE "B."

# Showing Property in possession of Capt. Harry W. Ellis, commanding Light Battery "A," 1st Art.

- 2 3-inch rifles.
- 2 Caisson.
- 2 Gatling guns.
- 8 Primer pouches.
- 8 Cartridge pouches.
- 18 Hand spikes,
- 12 Water buckets.
- 16 Sabers.
- 58 Belts.
- 13 Saddles.
- 14 Bridles.
- 26 Saddle clohs.
- 4 Saddle cloths, officers.
- 2 Vent covers.
- 2 Tompions.
- 8 Tarpaulins.
- 8 Lead harness.
- 8 Wheel harness.
- 16 Surcingles.
- 16 Whips.
- 23 Revolvers.
- 48 Head stails.
- 22 Nose bags.
- 6 Carbines.
- 27 Holsters. 110 Blouses.
- 100 Trousers.
- 119 Caps.

- 46 Cap ornaments.
- 53 Campaign hats.
- 53 Pairs leggings.
- 50 Overcoats.
- 4 Gunner tools.
- 4 Fuze blocks.
- 1 Reloading tool.
- 1 U. S. Regulation.
- 5 State Regulations.
- 1 Manual Guard.
- 4 Pendulum hausse.
- 2 Bugles.
- 5 Cheste.
- 200 Blank cartridges.
- 60 Time fuse.
- 276 Revolver cartridges.
- 440 Ball cartridges.
- 2,000 Rounds cartridges.
  - 1 Shell,
  - 65 Canister.
  - 200 3-inch blanks.
  - 20 Blankets.
  - 8 Sponge and Rammers.
  - 2 Gun covers.
  - 7 Tar buckets.
  - 25 Cartr dge boxes.
  - 20 Leg guards.
  - 16 Sponges.

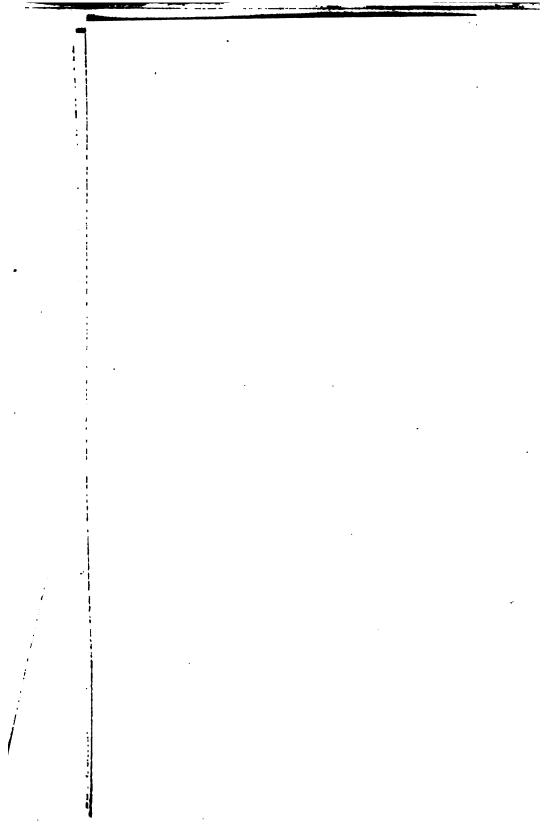
# Property in Possession of First Cavalry.

## "SCHEDULE B"-Continued.

Showing property in possession of Capt. John G. Salsman, commanding Troop "A," 1st Cavalry.

- 64 S. B. L. carbines, cal. 45.
- 5 S. B. L. rifler, cal. 45.
- 5 Gun slings.
- 48 Revolvers.
- 6 Waist belts and plates.
- 6 Cartridge boxes.
- 46 Woven cartridge belts.
- 86 Revolvers.
- 58 Carbine boots.
- 57 Carbine slings.
- 50 Picket ropes.
- 96 Saddles.
- 54 Bridles.
- 50 Saddle Bags.
- 50 Canvas horse covers.
- \$1 Curry combs.

- 30 Horse brushes.
- 49 Halters.
- 60 Nose bags.
- 50 Canteens.
- 50 Canteen straps.
- 81 Saddle blankets.
- 100 Blouses.
- 100 Pairs trousers.
- 100 Fatigue caps.
- 50 Campaign hats.
- 40 Overcoats,
- 1 Set reloading tools.
- 1 Iron target plate.
- 2 State Regulations.
- 1 U. S. Regulations.



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# Military Property Issued to Schools.

#### SCHEDULE "C."

### Showing military property issued to schools.

ST. JOHN'S MILITARY	ACADEMY, DELAFIELD, WIS
50 S. B. L. rifles, cal, 45.	12 Cavalry sabres and scabl
KA Cun alinga	

50 Bayonets. 50 Bayonet scabbards.

50 Woven cartridge belts. 2 M. L. cannon with carriage and limber.

2 Caissons with limber.

2 Sponge and rammers (12 pd. gun).

bards.

40 S. B. L. Cadet rifles.

40 Cadet cartridges.

40 Cadet bayonet scabbards.

10 Screw drivers.

1 Spring vises.

5 Wood wiping rods.

#### CAPT. P. J. ROONEY, KEWAUNEE, WIS.

20 M. L. muskets.

20 Bayonets,

20 Bayonet scabbards.

20 waist belts.

20 Waist belt plates.

20 Cartridge boxes.

#### CAPT. W. P. COLLEGE, MILTON COLLEGE, MILTON, WIS.

40 M. L. muskets.

40 Bayonets.

40 Bayonet scabbards.

40 Waist belts.

40 Waist belt plates.

40 Cartridge boxes.

#### CAPT. J. H. WOODNORTH, SEC'Y SOLDIERS' HOME, WAUPACA, WIS.

11 M. L. muskets.

11 Bayonets.

11 Bayonet scabbards.

11 Waist belts.

11 Waist belt plates.

11 Cartridge boxes.

#### REV. J. O'KEEFE, WATERTOWN, WIS.

50 S. B. L. rifles. cal. 50,

50 Bayonets, cal. 30.

50 Bayonet scabbards.

50 Waist belts.

50 Waist belts and plates.

50 Cartridge boxes (large).

#### PROF. A. F. ERNST, WATERTOWN, WIS.

85 S. B. L. rifles, cal. 50,

85 Bayonets, cal. 50.

85 Bayonet scabbards.

85 Waist belts.

85 Wais: belts and plates.

#### PROF. W. L. RANKIN, WAUKESHA, WIS.

80 S. B. L. rifles, cal. 45.

30 Bayonets.

30 Waist belts.

30 Waist belt plates.

30 Bayonet scabbards.

30 Cartridge boxes.

#### REV. J. D. COLEMAN, WATERTOWN, WIS.

29 S. B. L. carbines, cal. 45.

29 Waist belt plates.

29 Waist belts.

29 Cartridge boxes,

# Military Property Issued to Schools.

#### CAPT. F. L. JACOBS, NEENAH, WIS.

- 20 S. B. L. rifles, cal. 50.
- 20 Bayonets.
- 20 Bayonet scabbards.

- 20 Waist belts.
- 20 Waist belt plates.
- 20 Cartridge boxes (large).

#### CAPT, LEVI, J. BILLINGS, SONS OF VETERANS' CAMP, RHINELANDER, WIS.

- 20 S. B. L. rifles, cal. 50. '
- 20 Bayonets.
- 20 Bayonet scabbards.

- 20 Waist belts.
- 20 Waist belt plates.
- 20 Cartridge boxes.

#### CAPT. A. SCHILLENGER, SHARON, WIS.

- 24 M. L. muskets.
- 24 Bayonets.
- 24 Bayonet scabbards.

- 24 Waist belts.
- 24 Waist belt plates.
- 24 Cartridge boxes (large).

# Arms and Accoutrements in Possession of G. A. R. Posts.

# SCHEDULE "D."

Showing arms and accoutrements now in the possession of G. A. R. Posts.

Name of Post.	No.	Location.	S. B. L. Rifles, Cal. 50, with acc. Comp.
E. B. Wolcott	1	Milwaukee	10
Oshkosh	10	Oshko h	10
C. C. Wasaburn	ii	Madison	10
W. H. Sargent	20	Janesville	10
Geo. H Irwin	25	Lodi	10
Alex. Lowrie	86	Viroqua	20
Henry Miles	47	Eirov	10
Eagle	25	Eau Claire	20
S. F. Curtis	67	West Lima	5
J. Comerford	6∺	Chippewa Falls	20
Custer	72	Rock Elm	5
S. Wheeler	75	Verona	10
Walworth County	76,		10
John Flynn	1 23	North La Crosse	10
Chas. E. Coleman	82	Durand	10
Jerry Turner	85	Viola	10
W. G. Wheeler	દ્ય	Osseo	10
I. D. Pease	94	Watertown	6
Jas. Mason	106		10
I. N. Earl	115		10
Geo. Hali	117	Heaver Dam	10
Ellsworth	115	Elisworth	10
H. S Swift	137	Edgerton	16
G. A. Custer F. A. Haskell	140 146		10
Jos. Shannon	148	Columbus	10
Phil. Davenport	152	Soldiers' Grove	10
Eau Galle	167	Eau Galle	1 10
Bam Monteith	178	Fennimore	l iö
I. N. Nichols	177	River Falls	liŏ
Wintermeyer	187	heb oygan	iŏ
Fimian	196	Alma	1 6
Luther Cane	201	Burlington	l 10
U. S. Grant	201	Maiden Rock	10
W. H. Hami'ton.	208	Sun Prairie	6
H. P. Davidson	212	Plymouth	6
John Hazen	¥14	Cashton	5
G. B. Lincoln	215	Union Grove	6
Jos. Rankin	219	Two Rivers	E
John Harp	220	Horicon	
F. H. Potter	229	Cambridge	20
F. S. Lovell	230	Kenosha	6
Cypian Downer	231	Bangor	10
John W. Scott	241	Oshkosh	10
J. J. Andregg	242	Ahnapee	10
Bayfield	249	Bayfield	10
S. H. Bryant	253	Lake Mills	10
Fountain City	25_		10
J. F. Sawyer	او	Omro	10
Joe Hooker	76	Baraboo	10
J. A. Kellogg	46	Antigo	15

# Arms and Accoutrements in Possession of G. A. R. Posts.

# SCHEDULE "D"-Continued.

# Showing arms and accountrements now in the possession of G. A. R. Posts.

Name of Post.	No.	Location.	M. L. musket with accourte ments complete.
Jerome Chesbro	15	Markesan	10
J. A. Garfield	21	Waupaca	10
J. E. Holmes	26	Jefferson	10
J. W. Lyna. J. H. Ely	30 81	SpartaJuneau.	10
C. E. Curtis	84	Whitewater	10
N. S. Frost	35	Prairie du Sac	iŏ
Wilson Colwell	34	La Crosse	10
B. J. Sweet	40	Stockbridge	10
T. L. Sutphen	41	Evansville	10 18
H. W. Cressy	43	Toman	10
J. R. Shepard	44	Menasha	iŏ
Harvey	45		10
Henry Turner	46	New London	10
Chas. G. Bacon	48		10
A. A. Mathews	49 50	La Valle	10
John Gillespie	53	Wonewoc	10
A. R. McDonald	56	Mazomanie.	iŏ
Chas. Edgerton	57	Warren Mills	10
W. P. Mitchell	61	New Lisbon	10
W. D. Walker	64	Montello	10
E. Hoyt	69 70	Albauy Clinton	10 10
Alexis Tallman J. C. More	71	Avoca	iŏ
E. W. Ramsey	74	Oconto	l iŏ
Hawley	81	Shawano	10
John Faller	83	N. Freedom	10
P. C. Judkins	87 88	Alma Center	10 10
Wm. A. Barstaw W. W. Patton	90	Kendall	100
Thos H Oates	96	Shulisburg	
W. A. Nelson	97	Forestville	10
J. E. Perkins	98	Augusta	. 10
O. F. Pioney	102	Monroe	
W. F. Dawes	105 109	Necedah	10
Williamson	1 10	Dodgeville	
H. C. Hegg	114	Waupun	
J. W. Appleton	116	Black Creek	. 10
O. F. Mattice	119	Waterloo	
Badgero	122	Friendship	
T. O. Howe	124 125	Green Bay Mineral Point	
Ben Sheldon	186	Brandon	10
Jos. Bailey	186	Palmyra	
Henry Didiot	141	Hillsborough	.  10
E. Updyke	142	Clear Lake	. 10
Gen. James Shields	145	Medford	
P. C. Buckman	149 158	Plover Stoughton	
P. C. Buckman Allen McVeigh	154	star	10
Stevens Point	156		1 10

Arms and Stores Issued to and Held by G. A. R. Posts.

# SCHEDULE "D"—Continued.

# Showing arms and military stores issued to and now held by G. A. R. Posts.

Name of Post.	No.	Location.	M. L. musket with accourre ments complete.
James Williams	158	Ontario	10
Fort Atkinson.	159		
Elijah Amidon	181		
Geo. M. West.			
Alonzo Palmer	170		
Horace T. Sanders	179		
Phillips	181		
Geo. C. Ginty			
Geo. Lythe			
Geo. Parsons			10
W. Waterman	197		10
John Ganzo	198		
Alex Rickey	200		
S. H. Sizer	207	Marinette	10
C. McArthur	221	Ruckbridge	8
Hayward	260	Hayward	10

# Military Property in Possession of the State.

#### SCHEDULE "E."

#### Tiles 5

### Showing military property in possession of the state.

2,595 S. B. L. Rifles, Cal. 45.

516 S. B. L. Rifles, Cal. 50.

2,598 Bayonets, Cal. 45.

867 Headless Shell Extractors.

294 Screw Drivers.

858 Sight Covers.

44 Spring Vises.

800 Wood Wiping Rods.

2,030 Blanket Bags.

2,031 Blanket Bag Shoulder Straps.

1,995 Blanket Rag Coats Straps.

2,608 Bayonet Scabbards, Cal. 45.

236 Bayonet Scabbards, Cal. 50.

60 Bayonet Scabbards, Cadet Cal. 45.

60 Bayonets, Cadet, Cal. 45.

60 Rifles, Cadet, Cal. 45.

287 Bayonets, Cal. 50.

2,105 Canteens.

1,919 Canteen Straps.

961 Cartridge Boxes.

2,752 Gun Slings.

2,014 Haversacks.

1,969 Haversack Straps.

981 Waist Belts and Plates.

2,551 Woven Cartridge Belts.

85,760 Rifle Ball Cartridges, Cal. 45. 400 Carbine Ball Cartridges.

12,480 Rifle Blank Cartridges.

2,000 Rifle Bullets.

- ---

45,500 Cartridge Primers. 2,700 Friction Primers.

60,000 Round Balls, 70 grs.

2,582 Revolver Ball Cartridges.

4,264 Revolver Blank Cartridges.

5,079 Blouses.

20,419 Cap Ornaments.

4,640 Fatigue Caps.

2,051 Pairs Leggins.

2,049 Overcoats.

4,820 Pairs Trousers.

68 Trumpets and Cords.

# Military Property in Armory.

#### SCHEDULE "F."

#### Showing military property now in the armory.

- 5 M. L. Cannons with Carriage and Limber.
- 1 Howitzer with Carriage and Limber.
- 19: 8. B. L. Rifles, Cal 45.
  - 1 Magazine Rifle, Mod. 92.
  - 1 S. B. L. Carbine Rifle, Cal. 45.
- 42 S. B L. Rifle, Cal. 50.
- 36 M. L. Muskets.
- 16 M. L. Carbines.
- 20 Cadet Rifles, Mod. 84.
- 19 Cavalry Sabers.
- 19 Cavalry Saber Scabbards.
- 2 N. C. O. Swords.
- 2 N. C. O. Sword Scabbards.
- 2 Officer's Swords.
- 2 Officer's Sword Scabbards.
- 247 Bayonets, Cal. 45.
- 119 Bayonets, Cal. 50.
- 20 Bayonets, Cadet Rifle
- 192 Bayonet Scabbards, Cal 45.
- 96 Bayonet Scabbar's, Cal 50.
- 20 Bayonet Scabbards, Cadet.
- 210 Headles's Shell Extractors.
- 29 Screw Drivers.
- 41 Sight Covers.
- 5 Spring Vises.
- 30 Tumbler Punches.
- 4 Wood Wiping Rods.
- 38 Blanket Bags.
- 38 Prs. Blanket Bag Shoulder Straps.
- 10 Frs. Blanket Bag Coat Straps.
- 82 Canteens.
- 101 Canteens, Uncovered.
- 26 Canteen Straps.
- 25? Attachment Hooks, Brass
- 200 Attachment Hooks, Brass, U. S. Pat tern.
- 77 Canteen Covers.
- 82 Canteen Corks.
- 27 Canteen Corks with Chains.
- 169 Cartridge Boxes.
- 250 Gun Sings.
- 18 Gun Slinge, Wisconsin Pattern.
- 27 Haversacks.
- 82 Haversack Straps.

- 95 Waist Belts and Plates.
- 81 Cartridge Belts and Plates, Loop.
- 4 Woven Cartridge Belts, Cavairy.
- 97 Woven Cartridge Belts, Infantry.
- 151 Cartridge Belt Plates, Infantry.
  - 2 Sword Belts, Officers'.
- 47 Waist Belt Plates.
- 83,760 Rifle Ball Cartridges, Cal. 45, reload ing.
- 880 Rifle Ball Cardridges, Cal. 45.
  - 400 Carbine Ball Cartridges, Cal. 45, reloading.
- 1,760 Rifle Bail Cartridges, Cal. 50.
  - 540 Rifle Rall Cartr dges, Cal. 30.
- 12,480 Rifle Blank Cartridges, Cal. 45.
- 1,000 Winchester Blank Cartridges, Cal 45.
- 2,000 Rifle Bullets, 500 Grs.
- 45,500 Cartridge Primers.
- 2,700 Friction Primers. 60,000 Round Balls, 79 Grs.
- 21,000 Revolver Ball Cartridges.
- 4,264 Revolver Blank Cartridges
- 82,400 Empty Shells.
  - 108 Cloth Silhouettes "D."
    - 49 Cloth Silhouettes "E."
    - 48 Cloth Silhouettes "F."
    - 75 Paper Silhonettes "D."
    - 159 Paper Silhouettes "E."
    - 318 Paper Silhouettes "F."
    - no raper Simouettes "r.
    - 10 Paper Targets "A "
    - 109 Paper Targets "B."
    - 679 Paper Targets "C."
- 49,000 Pasters, Black.
- 418,000 Pasters, Buff.
  - 7 Iron Target Plates.
  - 7 Sets Steel Target Frames.
  - 1 Trigger Weight.
  - Housing for Commander in Chief's Saddle.
  - 3 Housing for General Officers' Saddle.
  - 10 Saddle Cloths for Staff Officers' Saddle.
  - 11 Saddle Cloths, Infantry Officers.
  - 8 Felt Saddle Cloths.
  - 4 Bridles for General Officers.

## Military Property in Armory.

#### SCHEDULE "F"-Continued.

#### Snowing military property now in the armory.

- 10 Bridles for Staff Officers.
- 14 Martingales for General and Staff Officers.
- 22 Saddles L. C., Complete.
- 16 Bridles, Curb.
- 59 Saddle Bags, Leather.
- 18 Equipment Sacks, Canvas.
- 2 Saddle Blankets, Artillery.
- 2 Saddle Blankets, Cavalry.
- 9 Revolver Holsters.
- 8 Prs. Spurs.
- 1 Forage Cap.
- 257 Cap Ornaments, Infantry.
- 30 Cap Ornaments, Musc.
- 69 Campaign Hats.
- 128 Prs. Leggins, New.
- 15 Prs Leggins, Old.
- 39 Overcoats, Made.
- 22 Blankets, Woolen, Double.
- 7 Blankets, Woolen, Single.
- 6 Prs. 1st Sergt's Chevrons, Infantry.
- 4 Prs. Co. Q. M. Sergt's Chevrons, Infantry.
- 20 Prs. Sergeant's Chevrone, Infantry.
- 20 Prs. Corporal's Chevrons, Infantry.
- 11 Prs. Serg't Major's Chevrons, Infantry.
- 1 Pr. R. Q.) M. Sergeant's Chevrons, Infantry.
- 1 Pr. Com. Sergeant's Chevrons.
- 2 Prs. Prin. Musicians' Chevrons.
- 8 Prs. Chief Trumpeter's Chevrons.
- 44 Prs. Sergeants Trouser Stripes, Infantry.
- 21 Prs. Corporals Trouser Stripes, Infantry.
  - 1 Pr. Com. Sergt's Trouser Stripes.
  - 4 Spring Cots.
- 18 Mattresses.
- 17 Comforters.
- 38 Pillows.
- 71 Pillow cases.
- 75 Sheets.
- 8 Bed Spreads.
- 100 Towels.
  - 8 Ponchos, Rubber.
  - 9 Trumpets.

- 9 Trumpets Cords, Infantry.
- 11 Stretchers.
- 12 Prs. Stretcher Slings.
- 214 Wall Tents.
- 212 Wall Tent Flies.
- 214 Wall Tent Poles, Ridge.
- 428 Wall Tent Poles, Upright.
- 11 Hospital Tents.
- 11 Hospital Tent Flies.
- 11 Hospital Tent Poles, Ridge.
- 22 Hospital Tent Poles, Upright.
- 12 Mess Tents.
- 12 Sets Mess Tent Poles.
- 1 Wall Tent, 12 x 21, with Fly and
- 2 Wall Tents, 14 x 24, with Flies and
- 8 Sibley Tent Stoves with Pipes.
- 1 Garrison Flag.
- 1 National Flag.
- 1 State Flag.

#### UNSERVICEABLE PROPERTY.

- 36 S. B. L. Rifles, Cal. 45.
- 19 Bayonets, Cal. 45.
- 25 Bayonet Scabbards, Cal. 45.
- 2 Bayonet Scabbards, Cal. 50
- 10 Wood Wining Rods.
- 60 Waist Belts and Plates.
- 18 Waist Belts.
- 11 Woven Cartridge Belts, Cavairy.
- 80 Gun Slinge.
- 10 Cartridge Boxes.
- 1 Iron Target Plate.
- 11 Canteens.
- 4 Sets Reloading Tools, State.
- 2 Sets Reloading Tools, U. S.
- 1 Blanket Bag.
- 1 Pr. Blanket Bag Shoulder Straps.
- 1 Haversack.
- 441 Blocses.
- 499 Prs. Trousers.
- 594 Fatigu : Caps.
- 38 Campaign Hets.
- 12 Prs. Leggings.
- 414 Summer Heimets. 31 Cap Ornaments.

# Military Property in Armory.

### SCHEDULE "F"-Continued.

# Showing military property now in the armory.

- 14 Overcoats.
- 1 Saddle L. C.
- 5 Watering Buckets.

#### BOOKS.

- 84 Copies Manual Guard Duty.
- 6 Copies Drill Regulations.
- 7 Copies Blunt's Manual Small Arms Firing.

#### TOOLS.

- 1 Draw Shave.
- 1 Hammer.
- 2 Screw Drivers with handle,
- 1 Plane.
- 1 Try Square.
- 2 Prs. Pyers, Large, Flat Nose.

- 14 Doz. Files.
- 1 Brace.
- 1 Set Bits.
- 2 Hatchets.
- 1 Oller, Large. 1 Oller, Small.
- 1 Nail Puller.
- 1 Monkey Wrench.
- 2 Saws.
- 1 Chisel, 34 in. with handle.
- 1 Pr. Cutting Nippers.
- 2 Nail Sots.
- 16 Arms Chests.
- 1 Repair Chest.
- 6 Clothing Chests.
- 1 Watch.
- 5 Medicine Chests. 1

# Property at Military Reservation, Camp Douglas.

#### SCHEDULE "G."

# Showing properly at the Wisconsin Military Reservation, Camp Douglas

- 44 Wire cots.
- 4 Canvas cots,
- 44 Mattresses.
- 15 Canvas chairs.
- 17 Cane chairs.
- 3 Cane chairs (rocker).
- 1 Wood chair (rocker).
- 110 Wood chairs.
- 17 Wash stands, plain
- 8 Commodes.
- 2 Hammocks and hooks.
- 12 Looking glasses.
- 14 Pitchers (wash).
- 3 Pitchers (small).
- 17 Wash bowls.
- 18 Soap dishes.
- ⅓ Box candles.
- 9 Chambers.
- 6 Stop jars.
- 6 Slop pails (tin).
- 8 Wash basins (tin).
- 1 Five gallon oil can.
- 12 Tin pads.
- 1 Tub.
- 5 Lanterns.
- 2 Dust pans.
- 3 Fire shovels.
- 1 Hatchet.
- 1 Nail puller.
- 4 Mauls (irop).
- 1 Curry comb and brush.
- 5 Hose nozzles.
- 5 Hose sprinklers.
- 2 Mallets (small).
- 1 Tack hammer.
- 8 Ink stands.
- 20 Tables.
- 17 Lamps, glass, complete.
- 20 Candiesticks (tin).
- 1 Stove and pipe,
- 1 Mop hand'e.
- 2 Tin dippers.
- 1 Camp stool.
- 7 Wood benches.

- 12 Straw pillows.
- 6 Wood pails.
- 5 Tin lamps.
- 1 Bulletin board.
- 1 Cook stove.
- 2 Blackboards.
- 3 Chests (small).
- 39 Street lamps.
- 2 Hand carts.
- 8 Stands (smali).
- 1 Barrel of paste.
- 5 Pumps.
- 11 Tin paste boxes.
- 3 Branding irons.
- 9 Iron target plates.
- 1 Shovel.
- 1 Tin sprinkler.
- 8 Tin cups.
- 146 D paper silbouettes.
- 11 E peper silbouettes.
- 62 F paper silhouattes.
- 45 B paper targets.
- 22 C paper targets.
- 93 D cloth silhouettes.
- 127 E cloth sithouettes.
- 170 F cloth sith ruettes.
- 148,000 Black pasters.
- 469,000 Buff pasters.
  - 50 Yards sheeting.
  - 50 Feet rope ⅓ inch.
  - 6 Søddles.
  - 6 Bridles.
  - 1 Saddle cloth, Inf. officer
  - 16 D Silhouette frames.
  - 14 E Silhouette frames.
  - 15 F Silbouette frames.
  - 26 Large disks.
  - 22 Small disks.
  - 6 Hose reels.
- 1,000 Feet 34 inch hose.
  - 100 Feet 1/2 inch hose.
  - 100 Feet 1 inch hose.
    - 4 Shovels.
    - 1 Hand saw.

# Property at Military Reservation, Camp Douglas.

## SCHEDULE "G"-Continued.

# Showing property at the Wisconsin Military Reservation, Camp Douglas.

- 2 Hammers.
- 1 Engine hammer.
- 2 Monkey wrenches.
- Pipe wrenches.
- 1 Oiler.
- 1 Glass oil can.
- 1 Road scraper.
- 1 114 inch hose nozzle.
- 1 Cross-cut saw.
- 1 Hoe.
- 1 Iron rake.
- 2 Wood rakes.

- 2 Scythes.
- 2 Forks.
- 20 Slop barrels.
- ₹% 9x9 Tent floors.
  - 19 14x14 Tent floors.
  - 3 14x24 Tent floors.
- 1,980 Small tent pins.
- 1,680 Large tent pins.
  - 1 Horse.
  - 1 Spring wagon.
  - 1 Single harness.

